

LRV = Light Reflectance Value

E.031724.v1

Light Reflectance Value is often confused with the term intensity. Intensity is about vividness or dullness, is the colour clear or muted.

Value speaks strictly to the lightness or darkness of a colour.

The LRV is the total quantity of visible and useable light reflected by a surface in all directions and at all wavelengths when illuminated by a light source.

The LRV is a measurement that tells you how much light a colour reflects, and conversely how much it absorbs. LRV runs on a scale from 0% to 100%. Zero assumed to be an absolute black and 100% being an assumed perfectly reflective white. An absolute black or perfectly reflecting white does not exist in our everyday terms. Approximately speaking, the average blackest black has a LRV of 5% and the whitest white 85%.

Below the mid-point of 50%, and you know the colour will tend to be darker absorbing more light than it will reflect back into the room. Thus, an interior lighting plan that accounts for the darker colour should be a priority. Colours with LRV higher than 50% will be lighter and will reflect more light back into the room than is absorbed.

The Light Reflectance Value is a guideline. A relative point of reference for predicting how light or dark a colour will look and feel once applied to the walls. It is not a set standard by which to choose colours. Rather an indicator to help you make your best guess.

See attached pages for actual LRV measurements per individual item.

Testing as per BS 8493:2008+A1:2010

Location test : Tapetex BV, Helmond, The Netherlands

Testing machinery : Datacolor DC500

Tapetex - 64 - Linen

LRV = Light Reflectance Value

64-1070	52%	64-1101	78%	64-1127	15%	64-1148	7%	64-1169	28%
64-1071	76%	64-1102	40%	64-1128	11%	64-1149	8%	64-1170	57%
64-1072	68%	64-1103	45%	64-1129	8%	64-1150	30%	64-1171	79%
64-1073	59%	64-1104	46%	64-1130	51%	64-1151	33%	64-1172	72%
64-1074	38%	64-1105	69%	64-1131	79%	64-1152	28%	64-1173	69%
64-1080	21%	64-1106	23%	64-1132	73%	64-1153	19%	64-1174	52%
64-1081	64%	64-1107	18%	64-1133	65%	64-1154	17%	64-1180	27%
64-1082	35%	64-1108	15%	64-1134	39%	64-1155	14%	64-1181	78%
64-1083	19%	64-1109	18%	64-1135	16%	64-1156	10%	64-1182	62%
64-1084	18%	64-1110	52%	64-1136	61%	64-1157	15%	64-1183	44%
64-1090	49%	64-1111	78%	64-1137	18%	64-1158	16%	64-1184	54%
64-1091	73%	64-1112	67%	64-1138	18%	64-1159	9%	64-1185	48%
64-1092	65%	64-1113	61%	64-1139	16%	64-1160	30%	64-1186	48%
64-1093	49%	64-1114	39%	64-1140	18%	64-1161	73%	64-1187	44%
64-1094	43%	64-1120	8%	64-1141	69%	64-1162	61%	64-1188	46%
64-1095	45%	64-1121	58%	64-1142	38%	64-1163	42%	64-1189	38%
64-1096	34%	64-1122	37%	64-1143	22%	64-1164	63%	64-1200	28%
64-1097	33%	64-1123	14%	64-1144	19%	64-1165	47%	64-1201	31%
64-1098	37%	64-1124	29%	64-1145	26%	64-1166	29%	64-1202	30%
64-1099	26%	64-1125	21%	64-1146	17%	64-1167	35%	64-1203	28%
64-1100	47%	64-1126	8%	64-1147	9%	64-1168	26%	64-1204	28%

Tapetex - 65 - Silk/Silky

LRV = Light Reflectance Value

65-1250	78%	65-1271	59%	65-1302	57%	65-1333	46%	65-1374	43%
65-1251	69%	65-1272	56%	65-1303	23%	65-1334	21%	65-1375	22%
65-1252	62%	65-1273	42%	65-1304	23%	65-1340	24%	65-1376	24%
65-1253	41%	65-1274	56%	65-1310	36%	65-1341	79%	65-1377	31%
65-1254	54%	65-1275	39%	65-1311	81%	65-1342	74%	65-1378	20%
65-1255	35%	65-1276	22%	65-1312	70%	65-1343	61%	65-1379	16%
65-1256	31%	65-1277	35%	65-1313	54%	65-1344	38%	65-1380	50%
65-1257	38%	65-1278	8%	65-1314	51%	65-1350	68%	65-1381	37%
65-1258	25%	65-1279	8%	65-1315	35%	65-1351	25%	65-1382	37%
65-1259	12%	65-1280	34%	65-1316	29%	65-1352	30%	65-1383	33%
65-1260	45%	65-1281	77%	65-1317	31%	65-1353	10%	65-1384	23%
65-1261	61%	65-1282	60%	65-1318	4%	65-1354	7%	65-1390	10%
65-1262	51%	65-1283	37%	65-1319	5%	65-1360	77%	65-1391	67%
65-1263	29%	65-1284	24%	65-1320	82%	65-1361	69%	65-1392	42%
65-1264	68%	65-1290	10%	65-1321	53%	65-1362	61%	65-1393	52%
65-1265	40%	65-1291	80%	65-1322	40%	65-1363	55%	65-1394	45%
65-1266	38%	65-1292	46%	65-1323	45%	65-1364	36%	65-1400	78%
65-1267	30%	65-1293	9%	65-1324	31%	65-1370	24%	65-1401	62%
65-1268	8%	65-1294	8%	65-1330	80%	65-1371	60%	65-1402	29%
65-1269	9%	65-1300	67%	65-1331	58%	65-1372	42%	65-1403	8%
65-1270	29%	65-1301	59%	65-1332	37%	65-1373	34%	65-1404	4%

Tapetex - 66 - Textiles Variety

LRV = Light Reflectance Value

66-1410	59%	66-1452	69%	66-1504	24%	66-1540	10%	66-1582	51%
66-1411	77%	66-1453	61%	66-1505	19%	66-1541	72%	66-1583	50%
66-1412	57%	66-1454	63%	66-1506	11%	66-1542	55%	66-1584	40%
66-1413	42%	66-1455	56%	66-1507	16%	66-1543	51%	66-1600	55%
66-1414	57%	66-1456	51%	66-1508	8%	66-1544	43%	66-1601	77%
66-1415	33%	66-1457	42%	66-1509	6%	66-1545	27%	66-1602	61%
66-1416	25%	66-1458	29%	66-1510	47%	66-1546	25%	66-1603	61%
66-1420	79%	66-1459	8%	66-1511	73%	66-1547	43%	66-1604	48%
66-1421	64%	66-1460	44%	66-1512	56%	66-1548	25%	66-1605	48%
66-1422	56%	66-1461	74%	66-1513	48%	66-1549	5%	66-1606	43%
66-1423	50%	66-1462	70%	66-1514	59%	66-1550	59%	66-1610	10%
66-1424	59%	66-1463	56%	66-1515	32%	66-1551	78%	66-1611	40%
66-1425	44%	66-1464	45%	66-1516	12%	66-1552	68%	66-1612	42%
66-1426	39%	66-1465	34%	66-1517	33%	66-1553	52%	66-1613	20%
66-1430	8%	66-1466	40%	66-1518	14%	66-1554	70%	66-1614	12%
66-1431	38%	66-1467	33%	66-1519	8%	66-1555	63%	66-1620	13%
66-1432	25%	66-1468	26%	66-1520	12%	66-1556	59%	66-1621	44%
66-1433	11%	66-1469	25%	66-1521	76%	66-1560	50%	66-1622	24%
66-1434	20%	66-1470	44%	66-1522	42%	66-1561	52%	66-1623	41%
66-1435	10%	66-1471	22%	66-1523	43%	66-1562	23%	66-1624	19%
66-1436	8%	66-1472	19%	66-1524	54%	66-1563	25%	66-1630	24%
66-1437	14%	66-1473	22%	66-1525	47%	66-1564	19%	66-1631	60%
66-1438	5%	66-1474	16%	66-1526	48%	66-1565	16%	66-1632	41%
66-1439	4%	66-1475	13%	66-1527	29%	66-1566	16%	66-1633	14%
66-1440	45%	66-1476	11%	66-1528	38%	66-1570	47%	66-1634	12%
66-1441	72%	66-1480	58%	66-1529	15%	66-1571	50%	66-1640	12%
66-1442	58%	66-1481	78%	66-1530	32%	66-1572	47%	66-1641	62%
66-1443	52%	66-1482	66%	66-1531	63%	66-1573	42%	66-1642	46%
66-1444	53%	66-1483	60%	66-1532	58%	66-1574	47%	66-1643	44%
66-1445	56%	66-1484	66%	66-1533	53%	66-1575	47%	66-1644	41%
66-1446	44%	66-1485	60%	66-1534	71%	66-1576	42%	66-1645	20%
66-1447	33%	66-1486	52%	66-1535	62%	66-1577	75%	66-1646	26%
66-1448	20%	66-1500	11%	66-1536	49%	66-1578	43%	66-1647	12%
66-1449	17%	66-1501	74%	66-1537	45%	66-1579	35%	66-1648	13%
66-1450	40%	66-1502	56%	66-1538	42%	66-1580	38%	66-1649	5%
66-1451	79%	66-1503	37%	66-1539	23%	66-1581	80%		

Tapetex - 67 - Nonwoven

LRV = Light Reflectance Value

67-1650	25%	67-1699	35%	67-1743	67%	67-1792	48%	67-1841	37%
67-1651	65%	67-1700	47%	67-1744	59%	67-1793	50%	67-1842	17%
67-1652	46%	67-1701	84%	67-1745	55%	67-1794	31%	67-1843	18%
67-1653	37%	67-1702	65%	67-1746	58%	67-1800	20%	67-1844	11%
67-1654	52%	67-1703	55%	67-1747	54%	67-1801	75%	67-1850	43%
67-1655	36%	67-1704	52%	67-1748	45%	67-1802	56%	67-1851	71%
67-1656	34%	67-1705	49%	67-1749	45%	67-1803	53%	67-1852	61%
67-1657	30%	67-1706	31%	67-1750	22%	67-1804	56%	67-1853	46%
67-1658	15%	67-1707	54%	67-1751	85%	67-1805	35%	67-1854	72%
67-1659	13%	67-1708	40%	67-1752	65%	67-1806	23%	67-1855	58%
67-1660	67%	67-1709	31%	67-1753	38%	67-1807	43%	67-1856	51%
67-1661	85%	67-1710	39%	67-1754	46%	67-1808	29%	67-1857	43%
67-1662	72%	67-1711	77%	67-1760	37%	67-1809	19%	67-1858	46%
67-1663	66%	67-1712	65%	67-1761	71%	67-1810	13%	67-1859	42%
67-1664	66%	67-1713	58%	67-1762	56%	67-1811	81%	67-1860	30%
67-1665	63%	67-1714	61%	67-1763	49%	67-1812	62%	67-1861	81%
67-1666	61%	67-1715	46%	67-1764	26%	67-1813	47%	67-1862	62%
67-1667	61%	67-1716	47%	67-1770	43%	67-1814	55%	67-1863	52%
67-1668	60%	67-1717	37%	67-1771	79%	67-1815	45%	67-1864	50%
67-1669	52%	67-1718	27%	67-1772	67%	67-1816	39%	67-1865	54%
67-1670	39%	67-1719	18%	67-1773	51%	67-1817	46%	67-1866	38%
67-1671	53%	67-1720	25%	67-1774	40%	67-1818	47%	67-1867	50%
67-1672	53%	67-1721	54%	67-1775	27%	67-1819	29%	67-1868	44%
67-1673	43%	67-1722	55%	67-1776	23%	67-1820	46%	67-1869	33%
67-1674	36%	67-1723	49%	67-1777	41%	67-1821	71%	67-1870	19%
67-1680	26%	67-1724	37%	67-1778	26%	67-1822	61%	67-1871	57%
67-1681	75%	67-1725	25%	67-1779	20%	67-1823	61%	67-1872	36%
67-1682	57%	67-1726	20%	67-1780	29%	67-1824	51%	67-1873	38%
67-1683	55%	67-1727	37%	67-1781	90%	67-1830	50%	67-1874	21%
67-1684	17%	67-1728	28%	67-1782	76%	67-1831	67%	67-1880	53%
67-1690	47%	67-1729	15%	67-1783	68%	67-1832	59%	67-1881	85%
67-1691	87%	67-1730	31%	67-1784	71%	67-1833	50%	67-1882	62%
67-1692	82%	67-1731	72%	67-1785	73%	67-1834	42%	67-1883	49%
67-1693	68%	67-1732	64%	67-1786	53%	67-1835	36%	67-1884	57%
67-1694	62%	67-1733	45%	67-1787	55%	67-1836	38%	67-1885	53%
67-1695	53%	67-1734	40%	67-1788	30%	67-1837	22%	67-1886	51%
67-1696	48%	67-1740	52%	67-1789	24%	67-1838	17%	67-1887	40%
67-1697	65%	67-1741	81%	67-1790	40%	67-1839	20%	67-1888	39%
67-1698	55%	67-1742	79%	67-1791	70%	67-1840	31%	67-1889	24%