

LRV = Light Reflectance Value

E.031724.v4

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 70 – Textile

LRV = Light Reflectance Value

70-2500	36%	70-2562	58%	70-2613	28%	70-2670	23%
70-2501	66%	70-2563	64%	70-2614	16%	70-2671	55%
70-2502	56%	70-2564	52%	70-2615	11%	70-2672	34%
70-2503	46%	70-2565	58%	70-2616	6%	70-2673	30%
70-2504	25%	70-2566	25%	70-2620	35%	70-2674	16%
70-2505	12%	70-2567	5%	70-2621	65%	70-2675	15%
70-2506	64%	70-2570	53%	70-2622	57%	70-2680	25%
70-2507	44%	70-2571	83%	70-2623	42%	70-2681	55%
70-2508	23%	70-2572	66%	70-2624	38%	70-2682	40%
70-2510	47%	70-2573	70%	70-2625	28%	70-2683	46%
70-2511	81%	70-2574	68%	70-2626	55%	70-2684	34%
70-2512	67%	70-2575	44%	70-2627	46%	70-2685	16%
70-2513	58%	70-2576	36%	70-2628	41%	70-2686	15%
70-2514	57%	70-2577	67%	70-2629	45%	70-2687	39%
70-2515	53%	70-2578	58%	70-2630	33%	70-2688	40%
70-2516	50%	70-2579	49%	70-2640	24%	70-2689	30%
70-2517	42%	70-2580	64%	70-2641	66%	70-2690	23%
70-2518	72%	70-2581	29%	70-2642	41%	70-2691	17%
70-2519	52%	70-2582	29%	70-2643	43%	70-2692	12%
70-2520	62%	70-2590	46%	70-2644	40%	70-2700	23%
70-2521	47%	70-2591	82%	70-2645	20%	70-2701	79%
70-2522	42%	70-2592	52%	70-2646	22%	70-2702	76%
70-2540	40%	70-2593	60%	70-2647	14%	70-2703	32%
70-2541	80%	70-2594	31%	70-2650	10%	70-2704	30%
70-2542	53%	70-2595	40%	70-2651	77%	70-2705	39%
70-2543	64%	70-2600	29%	70-2652	43%	70-2706	29%
70-2544	53%	70-2601	76%	70-2653	24%	70-2707	27%
70-2545	46%	70-2602	53%	70-2654	27%		
70-2546	51%	70-2603	68%	70-2655	11%		
70-2547	65%	70-2604	39%	70-2660	36%		
70-2548	61%	70-2605	30%	70-2661	64%		
70-2549	42%	70-2606	42%	70-2662	39%		
70-2550	41%	70-2610	7%	70-2663	48%		
70-2560	53%	70-2611	37%	70-2664	40%		
70-2561	73%	70-2612	36%	70-2665	40%		

Tapetex 69 - Silk

LRV = Light Reflectance Value

69-2300	16%	69-2335	40%	69-2365	46%	69-2404	55%
69-2301	78%	69-2336	38%	69-2366	26%	69-2405	66%
69-2302	69%	69-2337	37%	69-2367	27%	69-2410	64%
69-2303	64%	69-2340	41%	69-2368	37%	69-2411	75%
69-2304	62%	69-2341	77%	69-2370	26%	69-2412	60%
69-2305	37%	69-2342	63%	69-2371	77%	69-2413	63%
69-2306	24%	69-2343	47%	69-2372	41%	69-2414	45%
69-2307	11%	69-2344	39%	69-2373	40%	69-2415	39%
69-2308	21%	69-2345	38%	69-2374	55%	69-2416	28%
69-2309	15%	69-2346	17%	69-2375	37%	69-2417	19%
69-2310	41%	69-2347	47%	69-2380	57%	69-2420	5%
69-2311	60%	69-2348	34%	69-2381	84%	69-2421	77%
69-2312	35%	69-2349	13%	69-2382	78%	69-2422	73%
69-2313	22%	69-2350	50%	69-2383	79%	69-2423	70%
69-2314	31%	69-2351	77%	69-2384	70%	69-2424	39%
69-2315	19%	69-2352	69%	69-2385	71%	69-2425	39%
69-2316	21%	69-2353	60%	69-2386	54%	69-2426	20%
69-2320	14%	69-2354	70%	69-2387	53%	69-2427	27%
69-2321	69%	69-2355	40%	69-2388	61%	69-2428	21%
69-2322	58%	69-2356	56%	69-2389	75%	69-2429	15%
69-2323	21%	69-2357	55%	69-2390	50%	69-2430	37%
69-2324	35%	69-2358	39%	69-2391	66%	69-2431	11%
69-2325	15%	69-2359	35%	69-2392	57%	69-2432	32%
69-2330	46%	69-2360	62%	69-2393	48%	69-2433	8%
69-2331	71%	69-2361	72%	69-2400	84%	69-2434	6%
69-2332	45%	69-2362	41%	69-2401	75%	69-2435	15%
69-2333	59%	69-2363	50%	69-2402	79%	69-2436	5%
69-2334	57%	69-2364	66%	69-2403	61%		

Tapetex 68 - Linen

LRV = Light Reflectance Value

68-1990	39%	68-2018	22%	68-2061	46%	68-2104	36%	68-2162	62%
68-1991	74%	68-2019	17%	68-2062	38%	68-2110	41%	68-2163	45%
68-1992	65%	68-2020	55%	68-2063	28%	68-2111	77%	68-2164	60%
68-1993	58%	68-2021	82%	68-2064	13%	68-2112	41%	68-2165	53%
68-1994	51%	68-2022	67%	68-2070	58%	68-2113	54%	68-2166	54%
68-1995	53%	68-2023	57%	68-2071	77%	68-2114	46%	68-2167	49%
68-1996	54%	68-2024	38%	68-2072	63%	68-2120	35%	68-2168	43%
68-1997	26%	68-2030	48%	68-2073	53%	68-2121	61%	68-2169	42%
68-1998	41%	68-2031	78%	68-2074	52%	68-2122	41%	68-2170	28%
68-1999	28%	68-2032	68%	68-2080	45%	68-2123	43%	68-2171	40%
68-2000	20%	68-2033	62%	68-2081	77%	68-2124	28%	68-2172	20%
68-2001	54%	68-2034	41%	68-2082	48%	68-2130	32%	68-2173	9%
68-2002	50%	68-2040	54%	68-2083	46%	68-2131	65%	68-2174	10%
68-2003	43%	68-2041	82%	68-2084	77%	68-2132	41%	68-2180	73%
68-2004	44%	68-2042	69%	68-2085	44%	68-2133	35%	68-2181	54%
68-2005	42%	68-2043	64%	68-2086	50%	68-2134	16%	68-2182	42%
68-2006	33%	68-2044	42%	68-2087	77%	68-2140	55%	68-2183	46%
68-2007	32%	68-2050	17%	68-2088	53%	68-2141	70%	68-2184	41%
68-2008	26%	68-2051	62%	68-2089	51%	68-2142	58%	68-2190	64%
68-2009	19%	68-2052	52%	68-2090	30%	68-2143	41%	68-2191	76%
68-2010	19%	68-2053	34%	68-2091	76%	68-2144	30%	68-2192	66%
68-2011	50%	68-2054	40%	68-2092	53%	68-2150	31%	68-2193	50%
68-2012	54%	68-2055	41%	68-2093	42%	68-2151	78%	68-2194	43%
68-2013	47%	68-2056	35%	68-2094	36%	68-2152	52%	68-2200	22%
68-2014	50%	68-2057	21%	68-2100	14%	68-2153	47%	68-2201	65%
68-2015	46%	68-2058	18%	68-2101	66%	68-2154	41%	68-2202	46%
68-2016	32%	68-2059	17%	68-2102	44%	68-2160	43%	68-2203	42%
68-2017	23%	68-2060	25%	68-2103	44%	68-2161	79%	68-2204	34%

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%