

ISO/CIE 10527:1991, CIE standard colorimetric observers

| Wave-length λ nm | CIE color matching functions | | | Chromaticity coordinates | | |
|--------------------------------|------------------------------|--------------------|--------------------|--------------------------|--------------|--------------|
| | $\bar{x}(\lambda)$ | $\bar{y}(\lambda)$ | $\bar{z}(\lambda)$ | $x(\lambda)$ | $y(\lambda)$ | $z(\lambda)$ |
| 410 | 0.043 510 00 | 0.001 210 000 | 0.207 400 0 | 0.172 58 | 0.004 80 | 0.822 62 |
| 11 | 0.048 995 60 | 0.001 262 091 | 0.233 692 1 | 0.172 49 | 0.004 80 | 0.822 71 |
| 12 | 0.055 022 60 | 0.001 530 752 | 0.262 611 4 | 0.172 39 | 0.004 80 | 0.822 81 |
| 13 | 0.061 718 80 | 0.001 720 368 | 0.294 774 6 | 0.172 30 | 0.004 80 | 0.822 90 |
| 14 | 0.069 212 00 | 0.001 953 323 | 0.330 798 5 | 0.172 19 | 0.004 80 | 0.823 00 |
| 415 | 0.077 630 00 | 0.002 180 000 | 0.371 300 0 | 0.172 09 | 0.004 83 | 0.823 08 |
| 16 | 0.086 958 11 | 0.002 454 800 | 0.416 209 1 | 0.171 98 | 0.004 86 | 0.823 16 |
| 17 | 0.097 176 72 | 0.002 764 000 | 0.465 464 2 | 0.171 87 | 0.004 89 | 0.823 24 |
| 18 | 0.108 406 2 | 0.003 117 800 | 0.519 694 8 | 0.171 74 | 0.004 94 | 0.823 32 |
| 19 | 0.120 767 2 | 0.003 526 400 | 0.579 530 3 | 0.171 59 | 0.005 01 | 0.823 40 |
| 420 | 0.134 380 0 | 0.004 000 000 | 0.645 600 0 | 0.171 41 | 0.005 10 | 0.823 49 |
| 21 | 0.149 358 2 | 0.004 546 240 | 0.718 483 8 | 0.171 21 | 0.005 21 | 0.823 58 |
| 22 | 0.165 395 7 | 0.005 159 320 | 0.796 713 3 | 0.170 99 | 0.005 33 | 0.823 68 |
| 23 | 0.181 983 1 | 0.005 829 280 | 0.877 845 9 | 0.170 77 | 0.005 47 | 0.823 76 |
| 24 | 0.198 611 0 | 0.006 546 160 | 0.959 439 0 | 0.170 54 | 0.005 62 | 0.823 84 |
| 425 | 0.214 770 0 | 0.007 300 000 | 1.039 050 1 | 0.170 30 | 0.005 79 | 0.823 91 |
| 26 | 0.230 186 8 | 0.008 086 507 | 1.115 367 3 | 0.170 05 | 0.005 97 | 0.823 98 |
| 27 | 0.244 879 7 | 0.008 908 720 | 1.188 497 1 | 0.169 78 | 0.006 18 | 0.824 04 |
| 28 | 0.258 777 3 | 0.009 767 680 | 1.258 123 3 | 0.169 50 | 0.006 40 | 0.824 10 |
| 29 | 0.271 807 9 | 0.010 664 43 | 1.322 929 6 | 0.169 20 | 0.006 64 | 0.824 16 |
| 430 | 0.283 900 0 | 0.011 600 00 | 1.385 600 0 | 0.168 88 | 0.006 90 | 0.824 22 |
| 31 | 0.294 943 8 | 0.012 573 17 | 1.442 635 2 | 0.168 53 | 0.007 18 | 0.824 29 |
| 32 | 0.304 896 5 | 0.013 582 72 | 1.494 803 5 | 0.168 15 | 0.007 49 | 0.824 36 |
| 33 | 0.313 787 3 | 0.014 629 68 | 1.542 190 3 | 0.167 75 | 0.007 82 | 0.824 43 |
| 34 | 0.321 645 4 | 0.015 715 09 | 1.584 880 7 | 0.167 33 | 0.008 17 | 0.824 50 |
| 435 | 0.328 500 0 | 0.016 840 00 | 1.622 960 0 | 0.166 90 | 0.008 55 | 0.824 55 |
| 36 | 0.334 351 3 | 0.018 007 36 | 1.656 404 8 | 0.166 45 | 0.008 96 | 0.824 59 |
| 37 | 0.339 210 1 | 0.019 214 48 | 1.685 295 9 | 0.165 98 | 0.009 40 | 0.824 62 |
| 38 | 0.343 121 3 | 0.020 453 92 | 1.709 263 7 | 0.165 48 | 0.009 87 | 0.824 65 |
| 39 | 0.346 129 6 | 0.021 718 24 | 1.730 382 1 | 0.164 96 | 0.010 35 | 0.824 69 |
| 440 | 0.348 280 0 | 0.023 000 00 | 1.747 060 0 | 0.164 41 | 0.010 86 | 0.824 73 |
| 41 | 0.349 599 9 | 0.024 294 61 | 1.760 044 6 | 0.163 83 | 0.011 38 | 0.824 79 |
| 42 | 0.350 147 4 | 0.025 610 24 | 1.769 623 3 | 0.163 21 | 0.011 94 | 0.824 85 |
| 43 | 0.350 013 0 | 0.026 958 57 | 1.766 523 7 | 0.162 55 | 0.012 52 | 0.824 93 |
| 44 | 0.349 287 0 | 0.028 351 25 | 1.780 433 4 | 0.161 85 | 0.013 14 | 0.825 01 |
| 445 | 0.348 060 0 | 0.029 800 00 | 1.782 600 0 | 0.161 11 | 0.013 79 | 0.825 10 |
| 46 | 0.346 373 3 | 0.031 310 83 | 1.782 968 2 | 0.160 31 | 0.014 49 | 0.825 20 |
| 47 | 0.344 262 4 | 0.032 883 68 | 1.781 699 8 | 0.159 47 | 0.015 23 | 0.825 30 |
| 48 | 0.341 808 8 | 0.034 521 12 | 1.779 198 2 | 0.158 57 | 0.016 02 | 0.825 41 |
| 49 | 0.339 094 1 | 0.036 225 71 | 1.775 867 1 | 0.157 63 | 0.016 84 | 0.825 53 |
| 450 | 0.336 200 0 | 0.038 000 00 | 1.772 110 0 | 0.156 64 | 0.017 71 | 0.825 65 |
| 51 | 0.333 197 7 | 0.039 846 67 | 1.768 258 9 | 0.155 60 | 0.018 61 | 0.825 79 |
| 52 | 0.330 041 1 | 0.041 768 00 | 1.764 039 0 | 0.154 52 | 0.019 56 | 0.825 92 |
| 53 | 0.326 635 7 | 0.043 766 00 | 1.758 943 8 | 0.153 40 | 0.020 55 | 0.826 05 |
| 54 | 0.322 886 8 | 0.045 842 67 | 1.752 466 3 | 0.152 22 | 0.021 61 | 0.826 17 |
| 455 | 0.318 700 0 | 0.048 000 00 | 1.744 100 0 | 0.150 99 | 0.022 74 | 0.826 27 |
| 56 | 0.314 025 1 | 0.050 243 68 | 1.733 559 5 | 0.149 69 | 0.023 95 | 0.826 36 |
| 57 | 0.308 884 0 | 0.052 573 04 | 1.720 858 1 | 0.148 34 | 0.025 25 | 0.826 41 |
| 58 | 0.303 290 4 | 0.054 980 56 | 1.705 936 9 | 0.146 93 | 0.026 63 | 0.826 44 |
| 59 | 0.297 257 9 | 0.057 458 72 | 1.688 737 2 | 0.145 47 | 0.028 12 | 0.826 41 |

This CIE Standard replaces ISO/CIE This Standard Colour- matching functions for the CIE standard colorimetric observer. This set of ISO/CIE , CIE standard colorimetric observers [ISO/CIE CIE] on splitscreens.com *FREE* shipping on qualifying offers. This International Standard.Purchase your copy of BS ISO/CIE as a PDF download or hard copy directly from the official BSI Shop. All BSI British Standards.CIE standard colorimetric observers - ISO/CIE Coordinates of CIE Standard Colorimetric Observer table was obtained from Table 1 of ISO/CIE , Colorimetric Observers.Coordinates of CIE Supplementary Standard Colorimetric Observer from Table 2 of ISO/CIE , Colorimetric Observers.CIE standard colorimetric observer. 9. CIE . colorimetric observers. (CIE,), (published also as CIE/ISO (CIE,).Buy ISO/CIE CIE standard colorimetric observers from SAI Global.? 4? 17? This CIE Standard replaces ISO/CIE This Standard Colour- matching functions for the CIE standard colorimetric observer.Full-Text Paper (PDF): CIE Standards for assessing quality of light sources. 2 CIE Standard; CIE colorimetric observers, ISO/CIE (CIE SISO/CIE CIE standard colorimetric observers - ISO/CIE Be notified when this Standard is updated or amended - Add to.ISO 31/6 (), Quantities and units of light and related electromagnetic radiations. 3. Nelkon ISO/CIE (), CIE standard colorimetric observers. CIE standard colorimetric observers. Colorimetrie . This CIE Standard replaces ISO/CIE and was approved by the CIE. Board of.CIE (Commission Internationale de l'Eclairage). a. CIE standard colorimetric observers. Vienna, Austria: CIE Central Bureau, ISO/CIE (E). CIE.ISO/CIE , CIE standard colorimetric illuminants, ISO/CIE , CIE standard colorimetric observers, Walker, J. et al., Spectral.

- [\[PDF\] Welding of nickel-molybdenum alloys](#)
- [\[PDF\] The Innovation Policy of the European Union: From Government to Governance](#)
- [\[PDF\] Eyrimah: Roman lacustre \(Les Romains de la prehistoire\) \(French Edition\)](#)
- [\[PDF\] Hail, Washington Irving!: Eighty-One Years on the Hill : A Reminiscence](#)
- [\[PDF\] Ghosts in the Middle Ages: The Living and the Dead in Medieval Society](#)
- [\[PDF\] Airfield Safety and Capacity Improvements: Case Studies on Successful Projects](#)
- [\[PDF\] The Picture Book of Quantum Mechanics](#)