

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(EDB477)	Hex(D0995D)	Hex(B37F45)	Hex(96662D)	Hex(7A4E15)	Hex(5F3700)	Hex(452200)	Hex(2B0E00)	Hex(050000)	Hex(000000)
Hex(EDB477)		Ratio: 1.36 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 7.69 Passed ⁶	Ratio: 9.78 Passed ⁶	Ratio: 11.32 Passed ⁶	Ratio: 11.40 Passed ⁶
Hex(D0995D)	Ratio: 1.36 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 7.20 Passed ⁶	Ratio: 8.34 Passed ⁶	Ratio: 8.40 Passed ⁶
Hex(B37F45)	Ratio: 1.89 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 6.04 AA ¹ AAA 18pt ⁴
Hex(96662D)	Ratio: 2.69 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.21 AA 18pt ²	Ratio: 4.24 AA 18pt ²
Hex(7A4E15)	Ratio: 3.89 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(5F3700)	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 4.13 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(452200)	Ratio: 7.69 Passed ⁶	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 4.08 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(2B0E00)	Ratio: 9.78 Passed ⁶	Ratio: 7.20 Passed ⁶	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(050000)	Ratio: 11.32 Passed ⁶	Ratio: 8.34 Passed ⁶	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 4.21 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 11.40 Passed ⁶	Ratio: 8.40 Passed ⁶	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 4.24 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.01 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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