

Converting Colors - WCAG Matrix

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

	Hex(DDB195)	Hex(C1967B)	Hex(A57C62)	Hex(8A634A)	Hex(6F4B33)	Hex(55351E)	Hex(3D1F06)	Hex(250A00)	Hex(000000)
Hex(DDB195)		Ratio: 1.36 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 7.73 Passed ⁶	Ratio: 9.62 Passed ⁶	Ratio: 10.80 Passed ⁶
Hex(C1967B)	Ratio: 1.36 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 7.06 Passed ⁶	Ratio: 7.92 Passed ⁶
Hex(A57C62)	Ratio: 1.91 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 5.66 AA ¹ AAA 18pt ⁴
Hex(8A634A)	Ratio: 2.72 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 3.96 AA 18pt ²
Hex(6F4B33)	Ratio: 3.95 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(55351E)	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(3D1F06)	Ratio: 7.73 Passed ⁶	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 4.05 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(250A00)	Ratio: 9.62 Passed ⁶	Ratio: 7.06 Passed ⁶	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 10.80 Passed ⁶	Ratio: 7.92 Passed ⁶	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.12 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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