

Converting Colors - WCAG Matrix

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

	Hex(3E261E)	Hex(563C33)	Hex(6F534A)	Hex(896B61)	Hex(A3857A)	Hex(BF9F94)	Hex(DBBAAF)	Hex(F8D5CA)	Hex(FFF2E6)	Hex(FFFFFF)
Hex(3E261E)		Ratio: 1.39 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 7.77 Passed ⁶	Ratio: 10.24 Passed ⁶	Ratio: 12.72 Passed ⁶	Ratio: 13.99 Passed ⁶
Hex(563C33)	Ratio: 1.39 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 7.35 Passed ⁶	Ratio: 9.14 Passed ⁶	Ratio: 10.05 Passed ⁶
Hex(6F534A)	Ratio: 2.01 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 6.97 AA ¹ AAA 18pt ⁴
Hex(896B61)	Ratio: 2.89 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(A3857A)	Ratio: 4.13 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.39 AA 18pt ²
Hex(BF9F94)	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 4.12 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(DBBAAF)	Ratio: 7.77 Passed ⁶	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(F8D5CA)	Ratio: 10.24 Passed ⁶	Ratio: 7.35 Passed ⁶	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(FFF2E6)	Ratio: 12.72 Passed ⁶	Ratio: 9.14 Passed ⁶	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 4.40 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(FFFFFF)	Ratio: 13.99 Passed ⁶	Ratio: 10.05 Passed ⁶	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 3.39 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.10 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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