

Converting Colors - WCAG Matrix

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

	Hex(2C1F1A)	Hex(FFFFFFD)	Hex(5A4B45)	Hex(73635D)	Hex(8D7C75)	Hex(A7958F)	Hex(C2B0A9)	Hex(DECBC4)	Hex(FBE8E0)
Hex(2C1F1A)		Ratio: 15.91 Passed ⁶	Ratio: 1.92 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 7.65 Passed ⁶	Ratio: 10.20 Passed ⁶	Ratio: 13.45 Passed ⁶
Hex(FFFFFFD)	Ratio: 15.91 Passed ⁶		Ratio: 8.30 Passed ⁶	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(5A4B45)	Ratio: 1.92 Failed ⁵	Ratio: 8.30 Passed ⁶		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 7.01 Passed ⁶
Hex(73635D)	Ratio: 2.79 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(8D7C75)	Ratio: 4.00 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(A7958F)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 2.86 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(C2B0A9)	Ratio: 7.65 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(DECBC4)	Ratio: 10.20 Passed ⁶	Ratio: 1.56 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(FBE8E0)	Ratio: 13.45 Passed ⁶	Ratio: 1.18 Failed ⁵	Ratio: 7.01 Passed ⁶	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.32 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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