

Converting Colors - WCAG Matrix

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

	Hex(544D0F)	Hex(FFFFFF9)	Hex(887D3F)	Hex(A39757)	Hex(BFB270)	Hex(DBCD8A)	Hex(F8E9A5)	Hex(FFFFC0)	Hex(FFFFDC)
Hex(544D0F)		Ratio: 8.56 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 7.03 Passed ⁶	Ratio: 8.31 Passed ⁶	Ratio: 8.42 Passed ⁶
Hex(FFFFFF9)	Ratio: 8.56 Passed ⁶		Ratio: 4.14 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(887D3F)	Ratio: 2.07 Failed ⁵	Ratio: 4.14 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 4.08 AA 18pt ²
Hex(A39757)	Ratio: 2.91 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(BFB270)	Ratio: 4.01 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(DBCD8A)	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.60 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(F8E9A5)	Ratio: 7.03 Passed ⁶	Ratio: 1.22 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(FFFFC0)	Ratio: 8.31 Passed ⁶	Ratio: 1.03 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFDC)	Ratio: 8.42 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 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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