

Converting Colors - WCAG Matrix

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

	Hex(6A280F)	Hex(FFFFFF3)	Hex(A3583B)	Hex(C07153)	Hex(DD8B6B)	Hex(FBA585)	Hex(FFC19F)	Hex(FFDDBA)	Hex(FFFAD6)
Hex(6A280F)		Ratio: 10.84 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 8.48 Passed ⁶	Ratio: 10.35 Passed ⁶
Hex(FFFFFF3)	Ratio: 10.84 Passed ⁶		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 3.64 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(A3583B)	Ratio: 2.09 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(C07153)	Ratio: 2.98 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(DD8B6B)	Ratio: 4.15 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(FBA585)	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.93 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(FFC19F)	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 1.56 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFDDBA)	Ratio: 8.48 Passed ⁶	Ratio: 1.28 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFFAD6)	Ratio: 10.35 Passed ⁶	Ratio: 1.05 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 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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