

Converting Colors - WCAG Matrix

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

	Hex(792424)	Hex(FFE3D8)	Hex(B25651)	Hex(D07069)	Hex(EF8A82)	Hex(FFA59C)	Hex(FFC1B7)	Hex(FFDDDD2)
Hex(792424)		Ratio: 8.24 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 7.90 Passed ⁶
Hex(FFE3D8)	Ratio: 8.24 Passed ⁶		Ratio: 3.97 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(B25651)	Ratio: 2.08 Failed ⁵	Ratio: 3.97 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.81 AA 18pt ²
Hex(D07069)	Ratio: 2.97 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(EF8A82)	Ratio: 4.11 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(FFA59C)	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 1.55 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFC1B7)	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFDDDD2)	Ratio: 7.90 Passed ⁶	Ratio: 1.04 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.92 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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