

Converting Colors - WCAG Matrix

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

	Hex(F6F2F2)	Hex(F6D9D9)	Hex(F6C1C1)	Hex(F6A8A8)	Hex(F69090)	Hex(F67777)	Hex(F65E5E)	Hex(F64646)	Hex(F62D2D)	Hex(F61515)
Hex(F6F2F2)		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 3.75 AA 18pt ²
Hex(F6D9D9)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(F6C1C1)	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(F6A8A8)	Ratio: 1.71 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(F69090)	Ratio: 2.03 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(F67777)	Ratio: 2.42 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(F65E5E)	Ratio: 2.83 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(F64646)	Ratio: 3.21 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(F62D2D)	Ratio: 3.55 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(F61515)	Ratio: 3.75 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.06 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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