

Converting Colors - WCAG Matrix

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

	Hex(F2F2F2)	Hex(F2DCDA)	Hex(F2C6C2)	Hex(F2B0A9)	Hex(F29A91)	Hex(F28479)	Hex(F26E61)	Hex(F25849)	Hex(F24230)	Hex(F22C18)
Hex(F2F2F2)		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.64 AA 18pt ²
Hex(F2DCDA)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(F2C6C2)	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(F2B0A9)	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(F29A91)	Ratio: 1.91 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(F28479)	Ratio: 2.25 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(F26E61)	Ratio: 2.61 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(F25849)	Ratio: 2.99 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(F24230)	Ratio: 3.35 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(F22C18)	Ratio: 3.64 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 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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