

Converting Colors - WCAG Matrix

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

	Hex(F318C5)	Hex(F330CA)	Hex(F349CF)	Hex(F361D4)	Hex(F379D9)	Hex(F392DF)	Hex(F3AAE4)	Hex(F3C2E9)	Hex(F3DAEE)	Hex(F3F3F3)
Hex(F318C5)		Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(F330CA)	Ratio: 1.06 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(F349CF)	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(F361D4)	Ratio: 1.30 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(F379D9)	Ratio: 1.49 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(F392DF)	Ratio: 1.74 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(F3AAE4)	Ratio: 2.03 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(F3C2E9)	Ratio: 2.38 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(F3DAEE)	Ratio: 2.80 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(F3F3F3)	Ratio: 3.29 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 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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