

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(E6C8F2)	Hex(DFB0F2)	Hex(D898F2)	Hex(D17FF2)	Hex(CA67F2)	Hex(C34FF2)	Hex(BD37F2)	Hex(B61FF2)	Hex(AF06F2)	Hex(AD00F2)
Hex(E6C8F2)		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 3.43 AA 18pt ²
Hex(DFB0F2)	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(D898F2)	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(D17FF2)	Ratio: 1.73 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(CA67F2)	Ratio: 2.07 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(C34FF2)	Ratio: 2.43 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(BD37F2)	Ratio: 2.79 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(B61FF2)	Ratio: 3.11 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(AF06F2)	Ratio: 3.37 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(AD00F2)	Ratio: 3.43 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.02 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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