

Converting Colors - WCAG Matrix

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

	Hex(FEDAFF)	Hex(FDC1FF)	Hex(FDA7FF)	Hex(FC8EFF)	Hex(FB74FF)	Hex(FB5AFF)	Hex(FA41FF)	Hex(F927FF)	Hex(F80EFF)	Hex(F800FF)
Hex(FEDAFF)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(FDC1FF)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(FDA7FF)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(FC8EFF)	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(FB74FF)	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(FB5AFF)	Ratio: 2.08 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FA41FF)	Ratio: 2.30 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(F927FF)	Ratio: 2.47 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(F80EFF)	Ratio: 2.57 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(F800FF)	Ratio: 2.59 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 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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