

Converting Colors - WCAG Matrix

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

	Hex(ED8EFF)	Hex(E975FF)	Hex(E55BFF)	Hex(E142FF)	Hex(DD28FF)	Hex(D90FFF)	Hex(D600FF)
Hex(ED8EFF)		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(E975FF)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(E55BFF)	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(E142FF)	Ratio: 1.54 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(DD28FF)	Ratio: 1.70 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D90FFF)	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(D600FF)	Ratio: 1.87 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 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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