

Converting Colors - WCAG Matrix

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

Hex(CD27D8) Hex(EF05FF) Hex(D8278B) Hex(6A606B) Hex(A000AB) Hex(29002B)

	Hex(CD27D8)	Hex(EF05FF)	Hex(D8278B)	Hex(6A606B)	Hex(A000AB)	Hex(29002B)
Hex(CD27D8)		Ratio: 1.26 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 4.32 AA 18pt ²
Hex(EF05FF)	Ratio: 1.26 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴
Hex(D8278B)	Ratio: 1.06 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 4.06 AA 18pt ²
Hex(6A606B)	Ratio: 1.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(A000AB)	Ratio: 1.58 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(29002B)	Ratio: 4.32 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.73 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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