

Converting Colors - WCAG Matrix

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

Hex(D030D0) Hex(FF14FF) Hex(D08030) Hex(695E69) Hex(A800A8) Hex(290029)

	Hex(D030D0)	Hex(FF14FF)	Hex(D08030)	Hex(695E69)	Hex(A800A8)	Hex(290029)
Hex(D030D0)		Ratio: 1.35 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 4.45 AA 18pt ²
Hex(FF14FF)	Ratio: 1.35 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(D08030)	Ratio: 1.36 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(695E69)	Ratio: 1.47 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(A800A8)	Ratio: 1.55 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(290029)	Ratio: 4.45 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 3.02 AA 18pt ²	Ratio: 2.87 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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