

Converting Colors - WCAG Matrix

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

Hex(D20058) Hex(FF006B) Hex(C4D200) Hex(695E62) Hex(A80047) Hex(290011)

	Hex(D20058)	Hex(FF006B)	Hex(C4D200)	Hex(695E62)	Hex(A80047)	Hex(290011)
Hex(D20058)		Ratio: 1.41 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(FF006B)	Ratio: 1.41 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(C4D200)	Ratio: 3.24 AA 18pt ²	Ratio: 2.30 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 11.40 Passed ⁶
Hex(695E62)	Ratio: 1.15 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.72 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(A80047)	Ratio: 1.41 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(290011)	Ratio: 3.52 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 11.40 Passed ⁶	Ratio: 3.06 AA 18pt ²	Ratio: 2.50 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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