

Converting Colors - WCAG Matrix

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

	Hex(CE7889)	Hex(B15E70)	Hex(954557)	Hex(7A2C40)	Hex(5F122A)	Hex(450016)	Hex(2F0001)	Hex(000000)
Hex(CE7889)		Ratio: 1.42 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 6.67 AA ¹ AAA 18pt ⁴
Hex(B15E70)	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(954557)	Ratio: 2.04 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(7A2C40)	Ratio: 2.95 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(5F122A)	Ratio: 4.15 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(450016)	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(2F0001)	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 4.20 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 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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