

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(EB00C4) Hex(FF00D5) Hex(EB9900) Hex(756A73) Hex(B50098) Hex(36002D)

Hex(EB00C4)		Ratio: 1.17 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 4.46 AA 18pt ²
Hex(FF00D5)	Ratio: 1.17 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(EB9900)	Ratio: 1.71 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 7.61 Passed ⁶
Hex(756A73)	Ratio: 1.31 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 2.24 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(B50098)	Ratio: 1.56 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(36002D)	Ratio: 4.46 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 7.61 Passed ⁶	Ratio: 3.40 AA 18pt ²	Ratio: 2.86 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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