

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(A0645D) Hex(D1B9B6) Hex(A05D99) Hex(695A58) Hex(E8E8E8) Hex(696969)

Hex(A0645D)		Ratio: 2.53 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.17 Failed ⁵
Hex(D1B9B6)	Ratio: 2.53 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(A05D99)	Ratio: 1.01 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 1.18 Failed ⁵
Hex(695A58)	Ratio: 1.40 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.41 Failed ⁵		Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(E8E8E8)	Ratio: 3.83 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.17 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.48 AA 18pt ²	

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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