

Converting Colors - WCAG Matrix

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

Hex(595058) Hex(736571) Hex(595054) Hex(2B272B) Hex(6B005F) Hex(EB00D1)

	Hex(595058)	Hex(736571)	Hex(595054)	Hex(2B272B)	Hex(6B005F)	Hex(EB00D1)
Hex(595058)		Ratio: 1.41 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(736571)	Ratio: 1.41 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(595054)	Ratio: 1.00 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(2B272B)	Ratio: 1.90 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(6B005F)	Ratio: 1.52 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 3.05 AA 18pt ²
Hex(EB00D1)	Ratio: 2.01 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 3.05 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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