

Converting Colors - WCAG Matrix

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

Hex(581742) Hex(730E50) Hex(584D17) Hex(2B272A) Hex(6B0046) Hex(EB0099)

	Hex(581742)	Hex(730E50)	Hex(584D17)	Hex(2B272A)	Hex(6B0046)	Hex(EB0099)
Hex(581742)		Ratio: 1.18 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(730E50)	Ratio: 1.18 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(584D17)	Ratio: 1.54 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(2B272A)	Ratio: 1.13 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(6B0046)	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(EB0099)	Ratio: 3.09 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 2.91 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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