

Converting Colors - WCAG Matrix

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

Hex(6B4560) Hex(8C507A) Hex(6B6345) Hex(363034) Hex(750052) Hex(F500AB)

	Hex(6B4560)	Hex(8C507A)	Hex(6B6345)	Hex(363034)	Hex(750052)	Hex(F500AB)
Hex(6B4560)		Ratio: 1.34 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(8C507A)	Ratio: 1.34 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(6B6345)	Ratio: 1.32 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(363034)	Ratio: 1.62 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(750052)	Ratio: 1.41 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(F500AB)	Ratio: 2.07 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 3.36 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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