

Converting Colors - WCAG Matrix

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

Hex(6B585D) Hex(8C6F77) Hex(6B5C58) Hex(363032) Hex(75001F) Hex(F50040)

	Hex(6B585D)	Hex(8C6F77)	Hex(6B5C58)	Hex(363032)	Hex(75001F)	Hex(F50040)
Hex(6B585D)		Ratio: 1.46 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(8C6F77)	Ratio: 1.46 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(6B5C58)	Ratio: 1.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(363032)	Ratio: 1.96 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(75001F)	Ratio: 1.79 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F50040)	Ratio: 1.56 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.79 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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