

Converting Colors - WCAG Matrix

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

	Hex(6B312D)	Hex(6B3B38)	Hex(6B4542)	Hex(6B4F4D)	Hex(6B5958)	Hex(6B6363)	Hex(6B6D6D)	Hex(6B7778)	Hex(6B8183)	Hex(6B8B8D)
Hex(6B312D)		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(6B3B38)	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(6B4542)	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(6B4F4D)	Ratio: 1.36 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(6B5958)	Ratio: 1.52 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(6B6363)	Ratio: 1.71 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(6B6D6D)	Ratio: 1.92 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(6B7778)	Ratio: 2.16 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(6B8183)	Ratio: 2.42 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(6B8B8D)	Ratio: 2.71 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 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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