

Converting Colors - WCAG Matrix

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

	Hex(6A5C64)	Hex(6A6769)	Hex(6A716D)	Hex(6A7C72)	Hex(6A8676)	Hex(6A917B)	Hex(6A9C7F)	Hex(6AA684)	Hex(6AB188)	Hex(6ABB8D)
Hex(6A5C64)		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(6A6769)	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(6A716D)	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(6A7C72)	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(6A8676)	Ratio: 1.59 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(6A917B)	Ratio: 1.79 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(6A9C7F)	Ratio: 2.01 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		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(6AA684)	Ratio: 2.22 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(6AB188)	Ratio: 2.48 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(6ABB8D)	Ratio: 2.74 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 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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