

Converting Colors - WCAG Matrix

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

	Hex(6C5F62)	Hex(6C5459)	Hex(6C4A51)	Hex(6C3F49)	Hex(6C3440)	Hex(6C2938)	Hex(6C1F2F)	Hex(6C1427)	Hex(6C091E)	Hex(6C0017)
Hex(6C5F62)		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(6C5459)	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(6C4A51)	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(6C3F49)	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(6C3440)	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(6C2938)	Ratio: 1.72 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(6C1F2F)	Ratio: 1.84 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(6C1427)	Ratio: 1.95 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(6C091E)	Ratio: 2.04 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(6C0017)	Ratio: 2.09 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 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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