

Converting Colors - WCAG Matrix

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

	Hex(6E676A)	Hex(6E5C63)	Hex(6E515D)	Hex(6E4657)	Hex(6E3B50)	Hex(6E304A)	Hex(6E2543)	Hex(6E1A3D)	Hex(6E0F36)	Hex(6E0430)
Hex(6E676A)		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(6E5C63)	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(6E515D)	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(6E4657)	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(6E3B50)	Ratio: 1.59 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(6E304A)	Ratio: 1.74 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(6E2543)	Ratio: 1.90 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(6E1A3D)	Ratio: 2.03 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(6E0F36)	Ratio: 2.14 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(6E0430)	Ratio: 2.21 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 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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