

Converting Colors - WCAG Matrix

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

	Hex(686A6D)	Hex(5E626D)	Hex(535B6D)	Hex(48536D)	Hex(3D4B6D)	Hex(32446D)	Hex(273C6D)	Hex(1C346D)	Hex(112C6D)	Hex(06256D)
Hex(686A6D)		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(5E626D)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(535B6D)	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(48536D)	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(3D4B6D)	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(32446D)	Ratio: 1.77 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 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
Hex(273C6D)	Ratio: 1.98 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(1C346D)	Ratio: 2.20 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(112C6D)	Ratio: 2.41 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(06256D)	Ratio: 2.59 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 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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