

Converting Colors - WCAG Matrix

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

	Hex(2E066B)	Hex(34116B)	Hex(3B1B6B)	Hex(41266B)	Hex(48316B)	Hex(4E3B6B)	Hex(55466B)	Hex(5B516B)	Hex(625C6B)	Hex(68666B)
Hex(2E066B)		Ratio: 1.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(34116B)	Ratio: 1.06 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(3B1B6B)	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(41266B)	Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(48316B)	Ratio: 1.42 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(4E3B6B)	Ratio: 1.60 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(55466B)	Ratio: 1.83 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(5B516B)	Ratio: 2.09 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(625C6B)	Ratio: 2.41 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(68666B)	Ratio: 2.73 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 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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