

Converting Colors - WCAG Matrix

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

	Hex(6C7E99)	Hex(5C7499)	Hex(4D6B99)	Hex(3E6299)	Hex(2F5999)	Hex(1F5099)	Hex(104799)	Hex(013D99)	Hex(003D99)
Hex(6C7E99)		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(5C7499)	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(4D6B99)	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(3E6299)	Ratio: 1.49 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(2F5999)	Ratio: 1.69 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(1F5099)	Ratio: 1.91 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(104799)	Ratio: 2.13 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(013D99)	Ratio: 2.39 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(003D99)	Ratio: 2.39 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.00 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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