

Converting Colors - WCAG Matrix

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

Hex(656493) Hex(575593) Hex(484793) Hex(3A3893) Hex(2B2993) Hex(1D1B93) Hex(0F0C93) Hex(030093)

	Hex(656493)	Hex(575593)	Hex(484793)	Hex(3A3893)	Hex(2B2993)	Hex(1D1B93)	Hex(0F0C93)	Hex(030093)
Hex(656493)		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(575593)	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(484793)	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(3A3893)	Ratio: 1.75 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(2B2993)	Ratio: 2.06 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(1D1B93)	Ratio: 2.33 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(0F0C93)	Ratio: 2.54 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(030093)	Ratio: 2.66 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.05 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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