

Converting Colors - WCAG Matrix

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

Hex(4A5DA8) Hex(3950A8) Hex(2843A8) Hex(1835A8) Hex(0728A8) Hex(0022A8)

	Hex(4A5DA8)	Hex(3950A8)	Hex(2843A8)	Hex(1835A8)	Hex(0728A8)	Hex(0022A8)
Hex(4A5DA8)		Ratio: 1.19 Failed⁵	Ratio: 1.39 Failed⁵	Ratio: 1.62 Failed⁵	Ratio: 1.82 Failed⁵	Ratio: 1.91 Failed⁵
Hex(3950A8)	Ratio: 1.19 Failed⁵		Ratio: 1.17 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.54 Failed⁵	Ratio: 1.61 Failed⁵
Hex(2843A8)	Ratio: 1.39 Failed⁵	Ratio: 1.17 Failed⁵		Ratio: 1.16 Failed⁵	Ratio: 1.31 Failed⁵	Ratio: 1.37 Failed⁵
Hex(1835A8)	Ratio: 1.62 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.16 Failed⁵		Ratio: 1.13 Failed⁵	Ratio: 1.18 Failed⁵
Hex(0728A8)	Ratio: 1.82 Failed⁵	Ratio: 1.54 Failed⁵	Ratio: 1.31 Failed⁵	Ratio: 1.13 Failed⁵		Ratio: 1.05 Failed⁵
Hex(0022A8)	Ratio: 1.91 Failed⁵	Ratio: 1.61 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.18 Failed⁵	Ratio: 1.05 Failed⁵	

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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