

Converting Colors - WCAG Matrix

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

	Hex(0061C2)	Hex(136BC2)	Hex(2774C2)	Hex(3A7EC2)	Hex(4E88C2)	Hex(6191C2)	Hex(749BC2)	Hex(88A5C2)	Hex(9BAEC2)	Hex(AEB8C2)
Hex(0061C2)		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(136BC2)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(2774C2)	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(3A7EC2)	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(4E88C2)	Ratio: 1.61 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(6191C2)	Ratio: 1.82 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(749BC2)	Ratio: 2.07 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(88A5C2)	Ratio: 2.35 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(9BAEC2)	Ratio: 2.64 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(AEB8C2)	Ratio: 2.99 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.27 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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