

Converting Colors - WCAG Matrix

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

	Hex(AACEF2)	Hex(92C2F2)	Hex(7AB6F2)	Hex(61AAF2)	Hex(499EF2)	Hex(3192F2)	Hex(1985F2)	Hex(0179F2)	Hex(0079F2)
Hex(AACEF2)		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(92C2F2)	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(7AB6F2)	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(61AAF2)	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(499EF2)	Ratio: 1.72 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(3192F2)	Ratio: 1.96 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(1985F2)	Ratio: 2.26 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(0179F2)	Ratio: 2.55 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(0079F2)	Ratio: 2.56 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 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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