

Converting Colors - WCAG Matrix

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

	Hex(B0C7E8)	Hex(99BAE8)	Hex(82ABE8)	Hex(6B9EE8)	Hex(548FE8)	Hex(3D82E8)	Hex(2675E8)	Hex(0D66E8)	Hex(005EE8)
Hex(B0C7E8)		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(99BAE8)	Ratio: 1.16 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(82ABE8)	Ratio: 1.36 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(6B9EE8)	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(548FE8)	Ratio: 1.88 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(3D82E8)	Ratio: 2.19 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(2675E8)	Ratio: 2.54 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(0D66E8)	Ratio: 2.98 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(005EE8)	Ratio: 3.23 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.08 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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