

Converting Colors - WCAG Matrix

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

	Hex(0083DA)	Hex(168CDA)	Hex(2C94DA)	Hex(419DDA)	Hex(57A6DA)	Hex(6DAFDA)	Hex(83B7DA)	Hex(99C0DA)	Hex(AEC9DA)	Hex(C4D1DA)
Hex(0083DA)		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(168CDA)	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(2C94DA)	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(419DDA)	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(57A6DA)	Ratio: 1.50 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(6DAFDA)	Ratio: 1.67 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(83B7DA)	Ratio: 1.85 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(99C0DA)	Ratio: 2.07 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(AEC9DA)	Ratio: 2.31 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(C4D1DA)	Ratio: 2.56 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 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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