

Converting Colors - WCAG Matrix

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

	Hex(B9D5DF)	Hex(A2D0DF)	Hex(8CCADF)	Hex(76C4DF)	Hex(5FBEDF)	Hex(49B9DF)	Hex(33B3DF)	Hex(1CADDf)	Hex(06A7DF)	Hex(00A6DF)
Hex(B9D5DF)		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(A2D0DF)	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(8CCADF)	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(76C4DF)	Ratio: 1.27 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(5FBEDF)	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(49B9DF)	Ratio: 1.47 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(33B3DF)	Ratio: 1.58 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(1CADDf)	Ratio: 1.69 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(06A7DF)	Ratio: 1.80 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(00A6DF)	Ratio: 1.81 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.01 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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