

Converting Colors - WCAG Matrix

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

	Hex(58A2DA)	Hex(6EABDA)	Hex(84B5DA)	Hex(99BEDA)	Hex(AFC8DA)	Hex(C5D1DA)	Hex(DBDADA)	Hex(F1E4DA)	Hex(FFEDDA)	Hex(FFF7DA)
Hex(58A2DA)		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(6EABDA)	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(84B5DA)	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(99BEDA)	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(AFC8DA)	Ratio: 1.59 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(C5D1DA)	Ratio: 1.78 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(DBDADA)	Ratio: 1.98 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(F1E4DA)	Ratio: 2.22 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(FFEDDA)	Ratio: 2.42 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(FFF7DA)	Ratio: 2.58 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 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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