

Converting Colors - WCAG Matrix

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

	Hex(C557A5)	Hex(C56AAB)	Hex(C57EB0)	Hex(C592B6)	Hex(C5A6BC)	Hex(C5B9C2)	Hex(C5CDC8)	Hex(C5E1CD)	Hex(C5F5D3)	Hex(C5FFD9)
Hex(C557A5)		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.54 AA 18pt ²
Hex(C56AAB)	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(C57EB0)	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(C592B6)	Ratio: 1.55 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(C5A6BC)	Ratio: 1.81 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(C5B9C2)	Ratio: 2.10 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(C5CDC8)	Ratio: 2.45 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(C5E1CD)	Ratio: 2.85 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(C5F5D3)	Ratio: 3.29 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(C5FFD9)	Ratio: 3.54 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.24 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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