

Converting Colors - WCAG Matrix

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

	Hex(A6C7C2)	Hex(BAC7C5)	Hex(CEC7C8)	Hex(E2C7CB)	Hex(F6C7CE)	Hex(FFC7D1)	Hex(FFC7D4)	Hex(FFC7D7)	Hex(FFC7DA)	Hex(FFC7DD)
Hex(A6C7C2)		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(BAC7C5)	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(CEC7C8)	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(E2C7CB)	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(F6C7CE)	Ratio: 1.21 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFC7D1)	Ratio: 1.24 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FFC7D4)	Ratio: 1.24 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FFC7D7)	Ratio: 1.24 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(FFC7DA)	Ratio: 1.25 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FFC7DD)	Ratio: 1.25 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 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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