

Converting Colors - WCAG Matrix

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

	Hex(98CCD6)	Hex(ADD0D6)	Hex(C3D3D6)	Hex(D8D7D6)	Hex(EEDAD6)	Hex(FFDED6)	Hex(FFE1D6)	Hex(FFE4D6)	Hex(FFE8D6)	Hex(FFEBD6)
Hex(98CCD6)		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(ADD0D6)	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(C3D3D6)	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(D8D7D6)	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(EEDAD6)	Ratio: 1.31 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(FFDED6)	Ratio: 1.40 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(FFE1D6)	Ratio: 1.42 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(FFE4D6)	Ratio: 1.45 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(FFE8D6)	Ratio: 1.49 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFEBD6)	Ratio: 1.52 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 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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