

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(C88AC6)	Hex(C89EC6)	Hex(C8B2C7)	Hex(C8C6C8)	Hex(C8DAC9)	Hex(C8EECA)	Hex(C8FFCA)	Hex(C8FFCB)	Hex(C8FFCC)	Hex(C8FFCD)
Hex(C88AC6)		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(C89EC6)	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(C8B2C7)	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(C8C6C8)	Ratio: 1.56 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(C8DAC9)	Ratio: 1.81 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(C8EECA)	Ratio: 2.09 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(C8FFCA)	Ratio: 2.35 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(C8FFCB)	Ratio: 2.36 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(C8FFCC)	Ratio: 2.36 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(C8FFCD)	Ratio: 2.36 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.00 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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