

Converting Colors - WCAG Matrix

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

	Hex(B178E3)	Hex(BC8EE3)	Hex(C6A5E3)	Hex(D1BCE3)	Hex(DBD2E3)	Hex(E6E9E3)	Hex(F1FFE3)	Hex(FBFFE3)	Hex(FFFFE3)
Hex(B178E3)		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 3.10 AA 18pt ²
Hex(BC8EE3)	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(C6A5E3)	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(D1BCE3)	Ratio: 1.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(DBD2E3)	Ratio: 2.15 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(E6E9E3)	Ratio: 2.57 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(F1FFE3)	Ratio: 3.02 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FBFFE3)	Ratio: 3.08 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFE3)	Ratio: 3.10 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 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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