

Converting Colors - WCAG Matrix

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

	Hex(A578E1)	Hex(B28FE1)	Hex(BFA5E1)	Hex(CCBCE1)	Hex(D9D3E1)	Hex(E6E9E1)	Hex(F3FFE1)	Hex(FFFE1)
Hex(A578E1)		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.24 AA 18pt ²
Hex(B28FE1)	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(BFA5E1)	Ratio: 1.52 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(CCBCE1)	Ratio: 1.86 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(D9D3E1)	Ratio: 2.25 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(E6E9E1)	Ratio: 2.68 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(F3FFE1)	Ratio: 3.17 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFE1)	Ratio: 3.24 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.21 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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