

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(A1856D)	Hex(A18D7D)	Hex(A1968D)	Hex(A19F9D)	Hex(A1A8AE)	Hex(A1B0BE)	Hex(A1B9CE)	Hex(A1C2DE)	Hex(A1CBEE)	Hex(A1D3FE)
Hex(A1856D)		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(A18D7D)	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(A1968D)	Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(A19F9D)	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(A1A8AE)	Ratio: 1.43 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(A1B0BE)	Ratio: 1.55 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(A1B9CE)	Ratio: 1.70 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(A1C2DE)	Ratio: 1.85 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(A1CBEE)	Ratio: 2.02 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(A1D3FE)	Ratio: 2.18 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 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.