

Converting Colors - WCAG Matrix

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

	Hex(A6546A)	Hex(A66476)	Hex(A67582)	Hex(A6868E)	Hex(A6969A)	Hex(A6A7A7)	Hex(A6B7B3)	Hex(A6C8BF)	Hex(A6D9CB)	Hex(A6E9D7)
Hex(A6546A)		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.72 AA 18pt ²
Hex(A66476)	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(A67582)	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(A6868E)	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(A6969A)	Ratio: 1.82 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(A6A7A7)	Ratio: 2.12 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(A6B7B3)	Ratio: 2.45 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(A6C8BF)	Ratio: 2.84 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(A6D9CB)	Ratio: 3.27 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(A6E9D7)	Ratio: 3.72 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 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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