

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(9996A3)	Hex(8C86A3)	Hex(8075A3)	Hex(7365A3)	Hex(6755A3)	Hex(5A45A3)	Hex(4E34A3)	Hex(4124A3)	Hex(3514A3)	Hex(2803A3)
Hex(9996A3)		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 4.44 AA 18pt ²
Hex(8C86A3)	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 3.71 AA 18pt ²
Hex(8075A3)	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(7365A3)	Ratio: 1.76 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(6755A3)	Ratio: 2.13 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(5A45A3)	Ratio: 2.57 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(4E34A3)	Ratio: 3.09 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(4124A3)	Ratio: 3.61 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(3514A3)	Ratio: 4.07 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(2803A3)	Ratio: 4.44 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.09 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

Failed 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.