

Converting Colors - WCAG Matrix

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

	Hex(A32FC6)	Hex(8602AA)	Hex(6A008F)	Hex(4E0075)	Hex(33005B)	Hex(140043)	Hex(00032C)	Hex(000116)	Hex(000000)
Hex(A32FC6)		Ratio: 1.45 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 3.78 AA 18pt ²
Hex(8602AA)	Ratio: 1.45 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(6A008F)	Ratio: 1.88 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(4E0075)	Ratio: 2.39 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(33005B)	Ratio: 2.93 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(140043)	Ratio: 3.40 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(00032C)	Ratio: 3.60 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(000116)	Ratio: 3.72 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 3.78 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 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.

This PDF was generated on convertingcolors.com.