

Converting Colors - WCAG Matrix

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

	Hex(DA3DFF)	Hex(BC0CE2)	Hex(9E00C5)	Hex(8100A9)	Hex(63008E)	Hex(460074)	Hex(29005A)	Hex(000041)	Hex(00032A)	Hex(000114)
Hex(DA3DFF)		Ratio: 1.42 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 4.03 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 6.01 AA ¹ AAA 18pt ⁴
Hex(BC0CE2)	Ratio: 1.42 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 4.23 AA 18pt ²
Hex(9E00C5)	Ratio: 1.87 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 3.21 AA 18pt ²
Hex(8100A9)	Ratio: 2.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(63008E)	Ratio: 3.17 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(460074)	Ratio: 4.03 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(29005A)	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(000041)	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(00032A)	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000114)	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 4.23 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 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.