

Converting Colors - WCAG Matrix

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

	Hex(E3DBE8)	Hex(D9C4E8)	Hex(D1ADE8)	Hex(C796E8)	Hex(BF7DE8)	Hex(B566E8)	Hex(AB4FE8)	Hex(A338E8)	Hex(9921E8)	Hex(8F0AE8)
Hex(E3DBE8)		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 4.16 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(D9C4E8)	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 3.85 AA 18pt ²
Hex(D1ADE8)	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(C796E8)	Ratio: 1.74 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(BF7DE8)	Ratio: 2.13 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(B566E8)	Ratio: 2.58 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(AB4FE8)	Ratio: 3.10 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(A338E8)	Ratio: 3.63 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(9921E8)	Ratio: 4.16 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(8F0AE8)	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 3.85 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.11 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.