

Converting Colors - WCAG Matrix

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

	Hex(E2DAEB)	Hex(D5C2EB)	Hex(C9ABEB)	Hex(BC93EB)	Hex(B07CEB)	Hex(A464EB)	Hex(974DEB)	Hex(8B35EB)	Hex(7E1EEB)	Hex(7206EB)
Hex(E2DAEB)		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(D5C2EB)	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.89 AA 18pt ²	Ratio: 4.33 AA 18pt ²
Hex(C9ABEB)	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.57 AA 18pt ²
Hex(BC93EB)	Ratio: 1.82 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(B07CEB)	Ratio: 2.23 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(A464EB)	Ratio: 2.76 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(974DEB)	Ratio: 3.38 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(8B35EB)	Ratio: 4.06 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(7E1EEB)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(7206EB)	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 4.33 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.29 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.

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