

Converting Colors - WCAG Matrix

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

Hex(ABCB7E) Hex(CEFF8A) Hex(86CB7E) Hex(62665C) Hex(61A600) Hex(162600)

	Hex(ABCB7E)	Hex(CEFF8A)	Hex(86CB7E)	Hex(62665C)	Hex(61A600)	Hex(162600)
Hex(ABCB7E)		Ratio: 1.58 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 8.83 Passed ⁶
Hex(CEFF8A)	Ratio: 1.58 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 2.63 Failed ⁵	Ratio: 13.95 Passed ⁶
Hex(86CB7E)	Ratio: 1.07 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 3.04 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 8.28 Passed ⁶
Hex(62665C)	Ratio: 3.24 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.04 AA 18pt ²		Ratio: 1.95 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(61A600)	Ratio: 1.66 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 5.31 AA ¹ AAA 18pt ⁴
Hex(162600)	Ratio: 8.83 Passed ⁶	Ratio: 13.95 Passed ⁶	Ratio: 8.28 Passed ⁶	Ratio: 2.73 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴	

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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