

Converting Colors - WCAG Matrix

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

Hex(8AAB24) Hex(D1DEA9) Hex(AB4324) Hex(687050) Hex(F0F0F0) Hex(707070)

	Hex(8AAB24)	Hex(D1DEA9)	Hex(AB4324)	Hex(687050)	Hex(F0F0F0)	Hex(707070)
Hex(8AAB24)		Ratio: 1.86 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(D1DEA9)	Ratio: 1.86 Failed ⁵		Ratio: 4.14 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(AB4324)	Ratio: 2.23 Failed ⁵	Ratio: 4.14 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(687050)	Ratio: 1.97 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(F0F0F0)	Ratio: 2.32 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 4.58 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.87 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.35 AA 18pt ²	

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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