

Converting Colors - WCAG Matrix

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

Hex(22AB21) Hex(A9DEA9) Hex(ABA921) Hex(507050) Hex(F0F0F0) Hex(707070)

	Hex(22AB21)	Hex(A9DEA9)	Hex(ABA921)	Hex(507050)	Hex(F0F0F0)	Hex(707070)
Hex(22AB21)		Ratio: 1.98 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(A9DEA9)	Ratio: 1.98 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(ABA921)	Ratio: 1.22 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(507050)	Ratio: 1.83 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.23 Failed ⁵		Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(F0F0F0)	Ratio: 2.66 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.63 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 1.12 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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