

Converting Colors - WCAG Matrix

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

Hex(6F6F6F) Hex(FFFFFF) Hex(A3A3A3) Hex(BEBEBE) Hex(DADADA) Hex(F6F6F6)

	Hex(6F6F6F)	Hex(FFFFFF)	Hex(A3A3A3)	Hex(BEBEBE)	Hex(DADADA)	Hex(F6F6F6)
Hex(6F6F6F)		Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.02 AA ¹ AAA 18pt ⁴		Ratio: 2.52 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(A3A3A3)	Ratio: 1.99 Failed ⁵	Ratio: 2.52 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(BEBEBE)	Ratio: 2.70 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(DADADA)	Ratio: 3.59 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(F6F6F6)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.29 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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