

Converting Colors - WCAG Matrix

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

Hex(A47161) Hex(D6C3BC) Hex(A46194) Hex(6B605C) Hex(EBEBEB) Hex(6B6B6B)

	Hex(A47161)	Hex(D6C3BC)	Hex(A46194)	Hex(6B605C)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(A47161)		Ratio: 2.42 Failed⁵	Ratio: 1.08 Failed⁵	Ratio: 1.48 Failed⁵	Ratio: 3.45 AA 18pt²	Ratio: 1.30 Failed⁵
Hex(D6C3BC)	Ratio: 2.42 Failed⁵		Ratio: 2.63 Failed⁵	Ratio: 3.59 AA 18pt²	Ratio: 1.42 Failed⁵	Ratio: 3.14 AA 18pt²
Hex(A46194)	Ratio: 1.08 Failed⁵	Ratio: 2.63 Failed⁵		Ratio: 1.37 Failed⁵	Ratio: 3.74 AA 18pt²	Ratio: 1.20 Failed⁵
Hex(6B605C)	Ratio: 1.48 Failed⁵	Ratio: 3.59 AA 18pt²	Ratio: 1.37 Failed⁵		Ratio: 5.10 AA¹ AAA 18pt⁴	Ratio: 1.14 Failed⁵
Hex(EBEBEB)	Ratio: 3.45 AA 18pt²	Ratio: 1.42 Failed⁵	Ratio: 3.74 AA 18pt²	Ratio: 5.10 AA¹ AAA 18pt⁴		Ratio: 4.47 AA 18pt²
Hex(6B6B6B)	Ratio: 1.30 Failed⁵	Ratio: 3.14 AA 18pt²	Ratio: 1.20 Failed⁵	Ratio: 1.14 Failed⁵	Ratio: 4.47 AA 18pt²	

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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