

Converting Colors - WCAG Matrix

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

Hex(80547E) Hex(A695A5) Hex(555480) Hex(544A54) Hex(D4D4D4) Hex(545454)

	Hex(80547E)	Hex(A695A5)	Hex(555480)	Hex(544A54)	Hex(D4D4D4)	Hex(545454)
Hex(80547E)		Ratio: 2.14 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(A695A5)	Ratio: 2.14 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(555480)	Ratio: 1.18 Failed ⁵	Ratio: 2.52 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(544A54)	Ratio: 1.40 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(D4D4D4)	Ratio: 4.06 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 5.70 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.26 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.11 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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