

Converting Colors - WCAG Matrix

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

	Hex(BA544D)	Hex(BA665E)	Hex(BA7873)	Hex(BA8785)	Hex(BA9996)	Hex(BAABAB)	Hex(BABDBD)	Hex(BACCCF)	Hex(BADEE0)	Hex(BAF0F5)
Hex(BA544D)		Ratio: 1.15 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.78 AA 18pt ²
Hex(BA665E)	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(BA7873)	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(BA8785)	Ratio: 1.54 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(BA9996)	Ratio: 1.81 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(BAABAB)	Ratio: 2.13 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(BABDBD)	Ratio: 2.49 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(BACCCF)	Ratio: 2.83 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(BADEE0)	Ratio: 3.27 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(BAF0F5)	Ratio: 3.78 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 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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