

Converting Colors - WCAG Matrix

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

	Hex(BEA9B8)	Hex(BE96B3)	Hex(BE83AE)	Hex(BE70A9)	Hex(BE5DA4)	Hex(BE4A9F)	Hex(BE3799)	Hex(BE2494)	Hex(BE118F)	Hex(BE008A)
Hex(BEA9B8)		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(BE96B3)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(BE83AE)	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(BE70A9)	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(BE5DA4)	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(BE4A9F)	Ratio: 2.05 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(BE3799)	Ratio: 2.28 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(BE2494)	Ratio: 2.47 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(BE118F)	Ratio: 2.61 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(BE008A)	Ratio: 2.69 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 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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