

Converting Colors - WCAG Matrix

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

	Hex(AB88A8)	Hex(AB99A9)	Hex(ABAAAB)	Hex(ABBBAC)	Hex(ABCCAE)	Hex(ABDDAF)	Hex(ABEFB1)	Hex(ABFFB2)	Hex(ABFFB4)	Hex(ABFFB5)
Hex(AB88A8)		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(AB99A9)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(ABAAAB)	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(ABBBAC)	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(ABCCAE)	Ratio: 1.76 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(ABDDAF)	Ratio: 2.01 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(ABEFB1)	Ratio: 2.30 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(ABFFB2)	Ratio: 2.59 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(ABFFB4)	Ratio: 2.60 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(ABFFB5)	Ratio: 2.60 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 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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