

Converting Colors - WCAG Matrix

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

	Hex(BB12B9)	Hex(BB25B9)	Hex(BB37B9)	Hex(BB4ABA)	Hex(BB5DBA)	Hex(BB6FBA)	Hex(BB82BA)	Hex(BB95BB)	Hex(BBA8BB)	Hex(BBBABB)
Hex(BB12B9)		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(BB25B9)	Ratio: 1.05 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(BB37B9)	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(BB4ABA)	Ratio: 1.23 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(BB5DBA)	Ratio: 1.38 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(BB6FBA)	Ratio: 1.56 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(BB82BA)	Ratio: 1.80 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(BB95BB)	Ratio: 2.08 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(BBA8BB)	Ratio: 2.42 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(BBBABB)	Ratio: 2.78 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.55 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.

This PDF was generated on convertingcolors.com.