

Converting Colors - WCAG Matrix

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

	Hex(BBA6AE)	Hex(BB93A2)	Hex(BB8197)	Hex(BB6E8B)	Hex(BB5B80)	Hex(BB4974)	Hex(BB3669)	Hex(BB235D)	Hex(BB1051)	Hex(BB0047)
Hex(BBA6AE)		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(BB93A2)	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(BB8197)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(BB6E8B)	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(BB5B80)	Ratio: 1.87 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(BB4974)	Ratio: 2.13 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(BB3669)	Ratio: 2.39 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(BB235D)	Ratio: 2.61 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(BB1051)	Ratio: 2.78 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(BB0047)	Ratio: 2.86 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 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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