

# Converting Colors - WCAG Matrix

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

**Hex(AF99FA) Hex(A48AFF) Hex(DE99FA) Hex(73707D) Hex(2B00BD) Hex(0E003D)**

	Hex(AF99FA)	Hex(A48AFF)	Hex(DE99FA)	Hex(73707D)	Hex(2B00BD)	Hex(0E003D)
Hex(AF99FA)		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.77</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 8.07</a> Passed <sup>6</sup>
Hex(A48AFF)	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.76</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.17</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 7.05</a> Passed <sup>6</sup>
Hex(DE99FA)	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.47</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 9.25</a> Passed <sup>6</sup>
Hex(73707D)	<a href="#">Ratio: 2.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.76</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.31</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.36</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.00</a> AA 18pt <sup>2</sup>
Hex(2B00BD)	<a href="#">Ratio: 4.77</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 4.17</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.47</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.36</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>
Hex(0E003D)	<a href="#">Ratio: 8.07</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.05</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.25</a> Passed <sup>6</sup>	<a href="#">Ratio: 4.00</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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