

# Converting Colors - WCAG Matrix

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

**Hex(ADACCD) Hex(D0CFFF) Hex(BDACCD) Hex(5C5C66) Hex(0600A6) Hex(010026)**

	Hex(ADACCD)	Hex(D0CFFF)	Hex(BDACCD)	Hex(5C5C66)	Hex(0600A6)	Hex(010026)
Hex(ADACCD)		Ratio: <a href="#">1.47</a> Failed <sup>5</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>	Ratio: <a href="#">3.01</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">6.13</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">9.29</a> Passed <sup>6</sup>
Hex(D0CFFF)	Ratio: <a href="#">1.47</a> Failed <sup>5</sup>		Ratio: <a href="#">1.41</a> Failed <sup>5</sup>	Ratio: <a href="#">4.42</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">9.02</a> Passed <sup>6</sup>	Ratio: <a href="#">13.65</a> Passed <sup>6</sup>
Hex(BDACCD)	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>	Ratio: <a href="#">1.41</a> Failed <sup>5</sup>		Ratio: <a href="#">3.13</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">6.38</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">9.66</a> Passed <sup>6</sup>
Hex(5C5C66)	Ratio: <a href="#">3.01</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">4.42</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">3.13</a> AA 18pt <sup>2</sup>		Ratio: <a href="#">2.04</a> Failed <sup>5</sup>	Ratio: <a href="#">3.09</a> AA 18pt <sup>2</sup>
Hex(0600A6)	Ratio: <a href="#">6.13</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">9.02</a> Passed <sup>6</sup>	Ratio: <a href="#">6.38</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">2.04</a> Failed <sup>5</sup>		Ratio: <a href="#">1.51</a> Failed <sup>5</sup>
Hex(010026)	Ratio: <a href="#">9.29</a> Passed <sup>6</sup>	Ratio: <a href="#">13.65</a> Passed <sup>6</sup>	Ratio: <a href="#">9.66</a> Passed <sup>6</sup>	Ratio: <a href="#">3.09</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">1.51</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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