

Converting Colors

CIELCh(81, 13.071, 169.751)

Have a look what the booklet for
CIELCh(81, 13.071, 169.751)
contains.

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Color

CIELCh(81, 13.213, 169.590)

Conversions

Conversions Part 1

Format	Color
Hex	B0D0C4
RGB	176, 208, 196
RGB Percent	69%, 82%, 77%
CMY	0.3090, 0.1834, 0.2305
CMYK	0.15, 0.00, 0.06, 0.18
HSL	157°, 25%, 75%
HSV	157°, 15%, 82%
XYZ	50.5523, 58.4711, 60.9773
YIQ	197.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

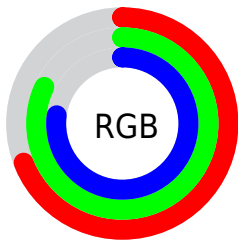
Format	Color
R _{YB}	176, 196, 208
Decimal	11587780
CIE Lab	81.00, -13.00, 2.39
CIE LCh	81, 13.213, 169.590
Yxy	58.4711, 0.2974, 0.3439
Android (android.graphics.Color)	4289777860 (0xFFB0D0C4)
YUV	197.0640, -0.5246, -18.4731
Hunter-Lab	76.4664, -15.8091, 6.2463

Details

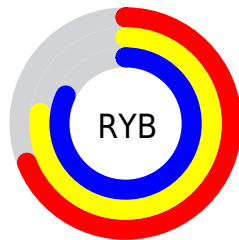
The CIELCh color **81, 13.213, 169.590** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 13.661, 352.409**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.967, 191.613**, and **61, 13.608, 168.395** is the 20% darker color. If you saturate the color by 10%, you get **80, 21.625, 168.543**, and if you desaturate by 10%, it is **83, 4.635, 170.595**.

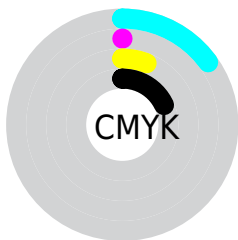
Distribution



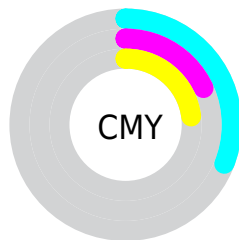
- Red (69%)
- Green (82%)
- Blue (77%)



- Red (69%)
- Yellow (77%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)





- Cyan (31%)
- Magenta (18%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 13.213, 169.590 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 81, 13.213, 169.590 by changing the saturation by 10% instead.


 81, 13.213,
169.590


 81, 13.213,
169.590


 100, 13.213,
169.590


 71, 13.213,
169.590


 61, 13.213,
169.590

 51, 13.213,
169.590

 41, 13.213,
169.590

 31, 13.213,
169.590

 21, 13.213,
169.590

 11, 13.213,

169.590

■ 1, 13.213, 169.590

■ 0, 13.213, 169.590

■ 81, 13.213,
169.590

■ 81, 13.213,
169.590

■ 80, 21.625,
168.543

■ 83, 4.635, 170.595

■ 78, 29.736,
167.405

■ 84, 4.006, 351.251

■ 77, 37.408,
166.145

■ 86, 12.620,
352.143

■ 76, 44.496,
164.738

■ 88, 19.697,
350.466

■ 75, 50.869,

■ 88, 21.892,
341.135

163.159

88, 24.583,
333.742

75, 56.434,
161.385

89, 27.622,
327.961

74, 61.154,
159.401

89, 29.324,
325.445

74, 65.071,
157.214

74, 66.727,
156.190

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81, 13.213, 169.590



75, 13.661, 352.409

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 13.213, 169.590



81, 13.213, 219.590



81, 13.213, 349.590



81, 13.213, 39.590

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81, 13.215, 169.586



99, 5.084, 170.630



81, 18.502, 132.381



53, 3.469, 170.552



0, 0.000, 0.000



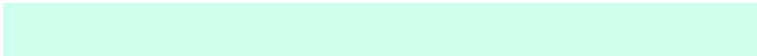
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 13.215, 169.586



97, 18.204, 169.298



80, 10.009, 210.252



43, 4.908, 170.180



61, 56.573, 156.561



13, 19.795, 161.831

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75, 13.661, 352.409



88, 18.935, 352.718



76, 11.086, 30.608



41, 5.011, 351.784



35, 62.397, 13.667



5, 20.845, 1.549

Previews

White Background



This preview shows how the CIELCh color 81, 13.213, 169.590 looks on a white background.

Color Contrast Check

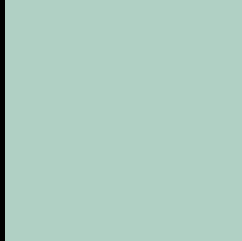
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 13.213, 169.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

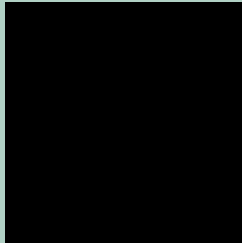
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

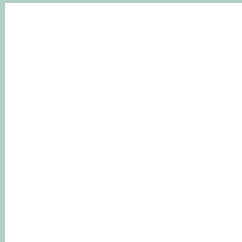
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 13.213, 169.590

Background



This preview shows how black text looks on a background with the CIELCh color 81, 13.213, 169.590.

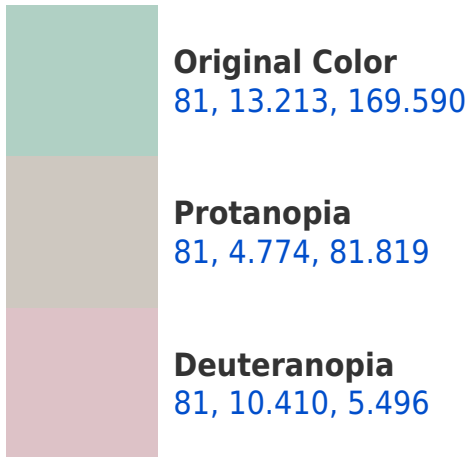


This preview shows how white text looks on a background with the CIELCh color 81, 13.213, 169.590.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

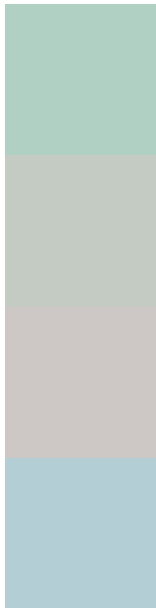
Dichromacy





Tritanopia
81, 11.634, 246.139

Trichromacy



Original Color
81, 13.213, 169.590

Protanomaly
81, 5.630, 141.225

Deuteranomaly
81, 2.267, 32.845

Tritanomaly
81, 9.824, 217.819

Monochromacy



Original Color
81, 13.213, 169.590

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 4.876, 173.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 13.213, 169.590 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(176, 208, 196)` looks like.

```
.text, #text, p{  
    color:rgb(176, 208, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(176, 208, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 208, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 13.213, 169.590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 208, 196) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(176, 208, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(176, 208, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 208, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 208, 196); box-shadow:4px 4px 4px 4px rgb(176, 208, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 13.213, 169.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 208, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(176,  
208, 196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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