

Converting Colors

CIELCh(86, 13.669, 163.350)

Have a look what the booklet for
CIELCh(86, 13.669, 163.350)
contains.

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Color

CIELCh(86, 13.669, 163.350)

Conversions

Conversions Part 1

Format	Color
Hex	BFDECF
RGB	191, 222, 207
RGB Percent	75%, 87%, 81%
CMY	0.2501, 0.1285, 0.1873
CMYK	0.14, 0.00, 0.07, 0.13
HSL	151°, 32%, 81%
HSV	151°, 14%, 87%
XYZ	59.0156, 67.9871, 69.1900
YIQ	211.0210, -13.6610, -11.2370

Conversions

Conversions Part 2

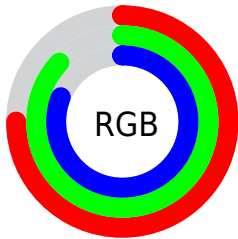
Format	Color
RYB	191, 211, 222
Decimal	12574415
CIELab	86.00, -13.10, 3.92
CIELCh	86, 13.669, 163.350
Yxy	67.9871, 0.3008, 0.3465
Android (android.graphics.Color)	4290764495 (0xFFBFDECF)
YUV	211.0210, -1.9824, -17.5584
Hunter-Lab	82.4543, -16.5360, 7.9659

Details

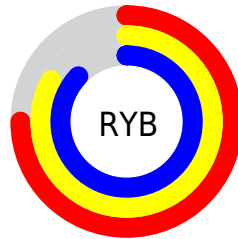
The CIELCh color **86, 13.669, 163.350** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 13.936, 345.708**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.426, 199.524**, and **66, 13.761, 163.938** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.385, 162.354**, and if you desaturate by 10%, it is **88, 3.867, 164.312**.

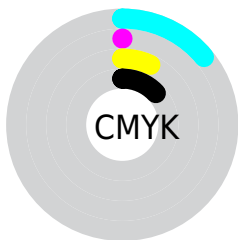
Distribution



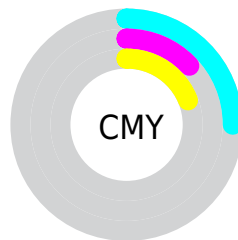
- Red (75%)
- Green (87%)
- Blue (81%)



- Red (75%)
- Yellow (83%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)





- Cyan (25%)
- Magenta (13%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 13.669, 163.350 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 86, 13.669, 163.350 by changing the saturation by 10% instead.


 86, 13.669,
163.350


 86, 13.669,
163.350


 100, 13.669,
163.350


 76, 13.669,
163.350

 66, 13.669,
163.350

 56, 13.669,
163.350

 46, 13.669,
163.350

 36, 13.669,
163.350


 26, 13.669,
163.350


 16, 13.669,


163.350

 6, 13.669, 163.350


 0, 13.669, 163.350


 86, 13.669,
163.350


 86, 13.669,
163.350


 84, 23.385,
162.354


 88, 3.867, 164.312


 83, 32.870,
161.254

 90, 5.913, 344.925


 82, 41.970,
160.018

 92, 14.741,
343.281

 81, 50.517,
158.620

 92, 18.556,
329.437

 80, 58.349,

 92, 20.503,
325.137

157.036

■ 79, 65.340,
155.245

■ 79, 71.420,
153.239

■ 78, 76.601,
151.032

■ 78, 79.412,
149.664

Harmonies

Complementary

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



86, 13.669, 163.350



80, 13.936, 345.708

Rectangle

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



86, 13.669, 163.350



86, 13.669, 213.350



86, 13.669, 343.350



86, 13.669, 33.350

Sweetspot

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



86, 13.671, 163.347



99, 4.375, 164.304



87, 17.183, 128.449



53, 3.111, 164.222



0, 0.000, 0.000



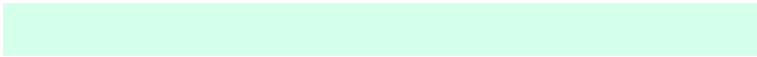
53, 0.007, 296.813

Same Dimension

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



86, 13.671, 163.347



97, 18.609, 163.041



86, 10.728, 198.711



46, 5.608, 163.771



63, 66.175, 150.055



17, 24.917, 154.538

Inverse Universe

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



80, 13.936, 345.708



89, 19.048, 346.016



80, 11.735, 20.298



44, 5.685, 345.282



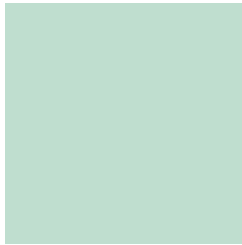
38, 64.034, 3.359



6, 26.276, 355.919

Previews

White Background



This preview shows how the CIELCh color 86, 13.669, 163.350 looks on a white background.

Color Contrast Check

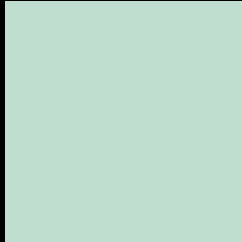
Large Text (above 18pt) WCAG AA × Fail

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 86, 13.669, 163.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

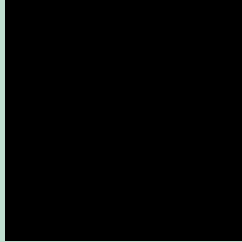
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

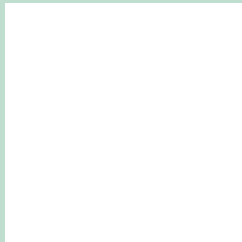
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 13.669, 163.350

Background



This preview shows how black text looks on a background with the CIELCh color 86, 13.669, 163.350.

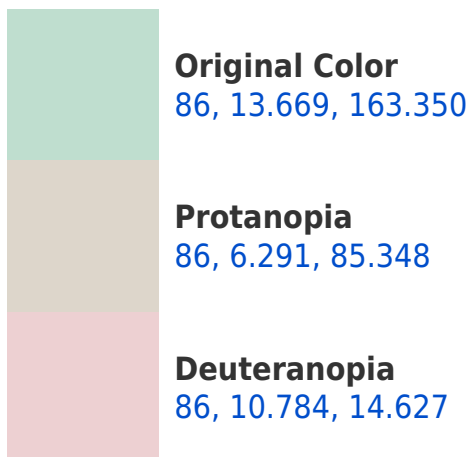


This preview shows how white text looks on a background with the CIELCh color 86, 13.669, 163.350.

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](#).

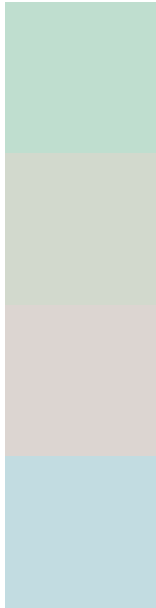
Dichromacy





Tritanopia
86, 11.469, 250.361

Trichromacy



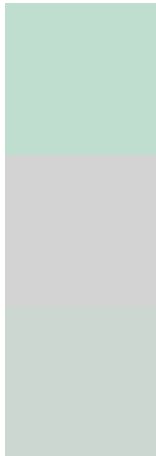
Original Color
86, 13.669, 163.350

Protanomaly
86, 6.799, 131.718

Deuteranomaly
86, 3.290, 58.847

Tritanomaly
86, 9.288, 215.328

Monochromacy



Original Color
86, 13.669, 163.350

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.777, 165.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 13.669, 163.350 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(191, 222, 207)` looks like.

```
.text, #text, p{  
    color:rgb(191, 222, 207)  
}
```

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(191, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 222, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 13.669, 163.350 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(191, 222, 207) }
```

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

```
.border{ border-color:rgb(191, 222, 207) }
```

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

Here you see how a box with a 4 pixel rgb(191, 222, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 222, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 222, 207);  
box-shadow:4px 4px 4px 4px rgb(191, 222,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 13.669, 163.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 222, 207) }
```

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

```
.background{ background-color: rgb(191,  
222, 207) }
```

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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