

Converting Colors

CIELCh(86, 24.284, 157.134)

Have a look what the booklet for
CIELCh(86, 24.284, 157.134)
contains.

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Color

CIELCh(86, 24.191, 157.311)

Conversions

Conversions Part 1

Format	Color
Hex	B0E3C5
RGB	176, 227, 197
RGB Percent	69%, 89%, 77%
CMY	0.3109, 0.1110, 0.2286
CMYK	0.22, 0.00, 0.13, 0.11
HSL	145°, 47%, 79%
HSV	145°, 22%, 89%
XYZ	55.2697, 67.9871, 62.8571
YIQ	208.3310, -20.7660, -20.1420

Conversions

Conversions Part 2

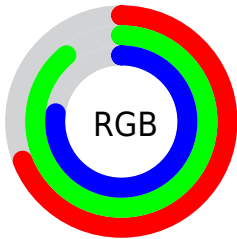
Format	Color
RYB	176, 212, 227
Decimal	11592645
CIELab	86.00, -22.32, 9.33
CIELCh	86, 24.191, 157.311
Yxy	67.9871, 0.2970, 0.3653
Android (android.graphics.Color)	4289782725 (0xFFB0E3C5)
YUV	208.3310, -5.5862, -28.3543
Hunter-Lab	82.4543, -24.6453, 12.5196

Details

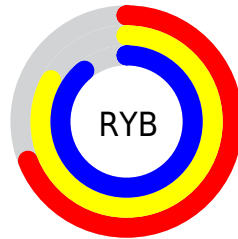
The CIELCh color **86, 24.191, 157.311** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 24.627, 340.998**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.895, 195.277**, and **66, 23.871, 157.029** is the 20% darker color. If you saturate the color by 10%, you get **84, 34.787, 156.279**, and if you desaturate by 10%, it is **88, 13.438, 158.228**.

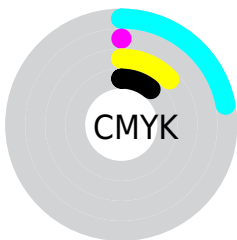
Distribution



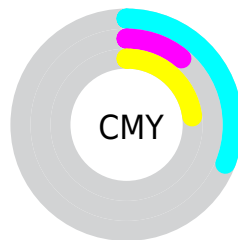
- Red (69%)
- Green (89%)
- Blue (77%)



- Red (69%)
- Yellow (83%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)





- Cyan (31%)
- Magenta (11%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 24.191, 157.311 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, 24.191, 157.311 by changing the saturation by 10% instead.


 86, 24.191,
157.311


 86, 24.191,
157.311


 100, 24.191,
157.311


 76, 24.191,
157.311

 66, 24.191,
157.311

 56, 24.191,
157.311

 46, 24.191,
157.311

 36, 24.191,
157.311


 26, 24.191,
157.311


 16, 24.191,


157.311

 6, 24.191, 157.311


 0, 24.191, 157.311

 86, 24.191,
157.311


 86, 24.191,
157.311

 84, 34.787,
156.279


 88, 13.438,
158.228


 83, 45.051,
155.106

 90, 2.666, 159.155


 82, 54.794,
153.767

 92, 8.008, 339.667

 81, 63.828,
152.238

 93, 15.676,
330.332

 80, 71.986,

 93, 17.692,
325.038

150.504

■ 80, 79.155,
148.564

■ 80, 85.296,
146.444

■ 79, 89.329,
144.815

Harmonies

Complementary

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



86, 24.191, 157.311



77, 24.627, 340.998

Rectangle

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



86, 24.191, 157.311



86, 24.191, 207.311



86, 24.191, 337.311



86, 24.191, 27.311

Sweetspot

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



86, 24.193, 157.310



98, 8.267, 158.700



88, 27.512, 124.368



52, 5.373, 158.647



0, 0.000, 0.000



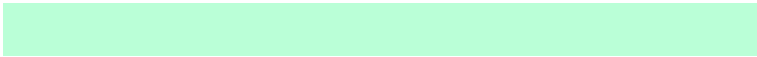
53, 0.007, 296.813

Same Dimension

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



86, 24.193, 157.310



95, 31.897, 156.843



87, 17.574, 189.431



46, 6.052, 158.493



63, 73.268, 145.216



17, 27.429, 149.612

Inverse Universe

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



77, 24.627, 340.998



83, 32.574, 341.431



76, 19.835, 13.275



44, 6.104, 339.872



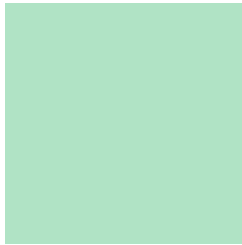
38, 65.866, 353.793



7, 27.520, 348.387

Previews

White Background



This preview shows how the CIELCh color 86, 24.191, 157.311 looks on a white background.

Color Contrast Check

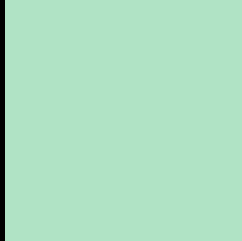
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 86, 24.191, 157.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

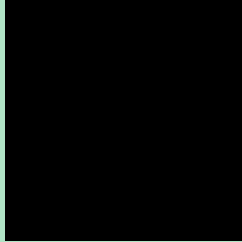
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

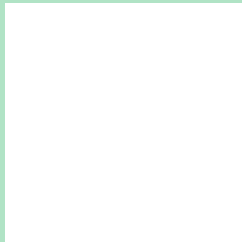
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 24.191, 157.311

Background



This preview shows how black text looks on a background with the CIELCh color 86, 24.191, 157.311.

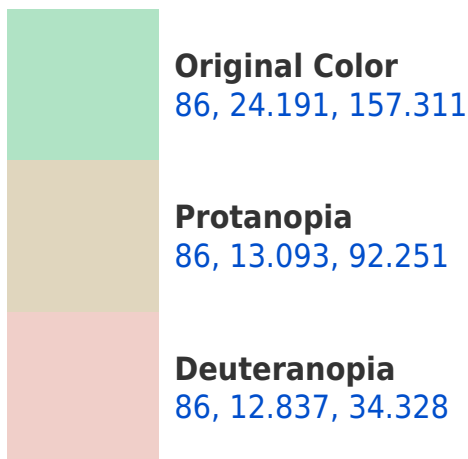


This preview shows how white text looks on a background with the CIELCh color 86, 24.191, 157.311.

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



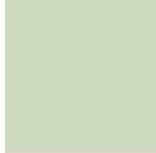


Tritanopia
86, 15.177, 234.909

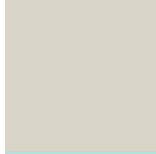
Trichromacy



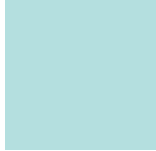
Original Color
86, 24.191, 157.311



Protanomaly
86, 14.936, 127.868



Deuteranomaly
85, 7.916, 101.404

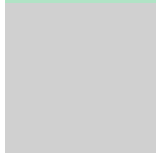


Tritanomaly
86, 14.631, 198.430

Monochromacy



Original Color
86, 24.191, 157.311



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 9.033, 158.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 24.191, 157.311 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, 227, 197)` looks like.

```
.text, #text, p{  
    color:rgb(176, 227, 197)  
}
```

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, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 227, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 24.191, 157.311 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, 227, 197) }
```

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

```
.border{ border-color:rgb(176, 227, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 227, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 227, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 227, 197); box-shadow:4px 4px 4px 4px rgb(176, 227, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 24.191, 157.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 227, 197) }
```

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

```
.background{ background-color: rgb(176,  
227, 197) }
```

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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