

Converting Colors

CIELCh(86, 22.376, 157.490)

Have a look what the booklet for
CIELCh(86, 22.376, 157.490)
contains.

CIELCh(86, 22.448, 157.127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 22.448, 157.127)

Conversions

Conversions Part 1

Format	Color
Hex	B3E2C6
RGB	179, 226, 198
RGB Percent	70%, 89%, 78%
CMY	0.2984, 0.1141, 0.2239
CMYK	0.21, 0.00, 0.12, 0.11
HSL	144°, 45%, 79%
HSV	144°, 21%, 89%
XYZ	55.9222, 67.9871, 63.5457
YIQ	208.7550, -19.0240, -18.6720

Conversions

Conversions Part 2

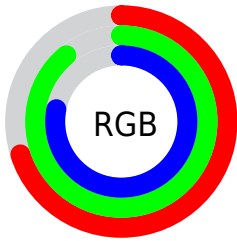
Format	Color
RYB	179, 212, 226
Decimal	11788998
CIELab	86.00, -20.68, 8.73
CIElCh	86, 22.448, 157.127
Yxy	67.9871, 0.2983, 0.3627
Android (android.graphics.Color)	4289979078 (0xFFB3E2C6)
YUV	208.7550, -5.3022, -26.0951
Hunter-Lab	82.4543, -23.2326, 12.0245

Details

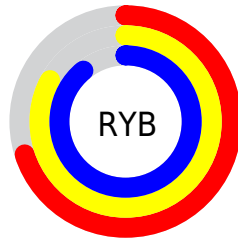
The CIELCh color **86, 22.448, 157.127** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 22.810, 340.475**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **66, 22.687, 156.444** is the 20% darker color. If you saturate the color by 10%, you get **84, 33.120, 156.121**, and if you desaturate by 10%, it is **88, 11.649, 158.024**.

Distribution



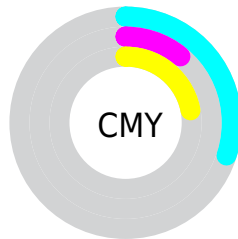
- Red (70%)
- Green (89%)
- Blue (78%)



- Red (70%)
- Yellow (83%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 22.448, 157.127 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, 22.448, 157.127 by changing the saturation by 10% instead.


 86, 22.448,
157.127


 86, 22.448,
157.127


 100, 22.448,
157.127


 76, 22.448,
157.127

 66, 22.448,
157.127

 56, 22.448,
157.127

 46, 22.448,
157.127

 36, 22.448,
157.127


 26, 22.448,
157.127

 16, 22.448,


157.127

 6, 22.448, 157.127


 0, 22.448, 157.127

 86, 22.448,
157.127


 86, 22.448,
157.127

 84, 33.120,
156.121


 88, 11.649,
158.024

 83, 43.492,
154.978

 90, 0.857, 159.247


 82, 53.379,
153.672

 92, 9.818, 339.429

 81, 62.588,
152.181

 93, 16.847,
328.287

 80, 70.946,

 93, 18.191,
325.056

150.486

■ 80, 78.324,
148.586

■ 79, 84.667,
146.501

■ 79, 89.683,
144.515

Harmonies

Complementary

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



86, 22.448, 157.127



78, 22.810, 340.475

Rectangle

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



86, 22.448, 157.127



86, 22.448, 207.127



86, 22.448, 337.127



86, 22.448, 27.127

Sweetspot

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



86, 22.450, 157.126



99, 7.122, 158.435



87, 25.384, 124.456



53, 4.726, 158.377



0, 0.000, 0.000



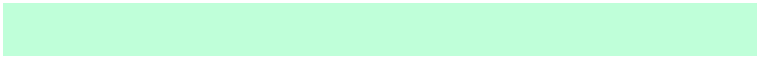
53, 0.007, 296.813

Same Dimension

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



86, 22.450, 157.126



95, 29.731, 156.702



87, 16.282, 189.567



46, 6.086, 158.141



63, 73.762, 144.909



17, 27.609, 149.291

Inverse Universe

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



78, 22.810, 340.475



84, 30.296, 340.867



77, 18.197, 13.074



44, 6.137, 339.511



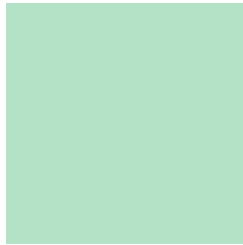
38, 66.078, 353.140



7, 27.630, 347.877

Previews

White Background



This preview shows how the CIELCh color 86, 22.448, 157.127 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, 22.448, 157.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

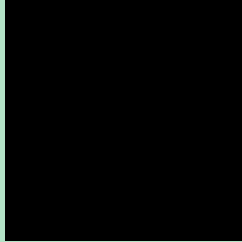
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

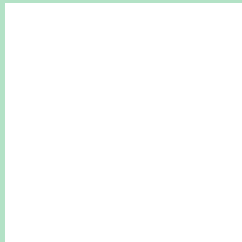
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 22.448, 157.127

Background



This preview shows how black text looks on a background with the CIELCh color 86, 22.448, 157.127.

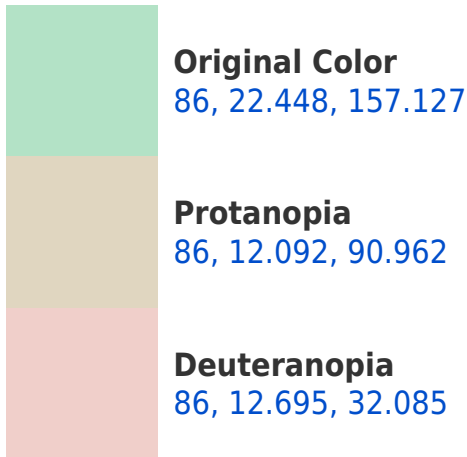


This preview shows how white text looks on a background with the CIELCh color 86, 22.448, 157.127.

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



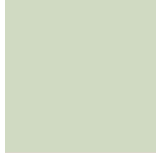


Tritanopia
86, 14.494, 239.703

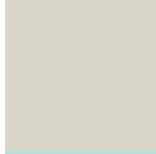
Trichromacy



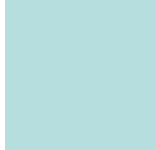
Original Color
86, 22.448, 157.127



Protanomaly
86, 13.101, 125.582

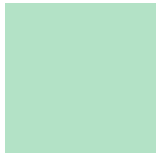


Deuteranomaly
86, 6.947, 97.268

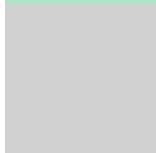


Tritanomaly
86, 13.321, 200.795

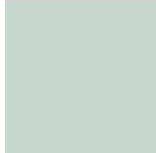
Monochromacy



Original Color
86, 22.448, 157.127



Achromatopsia
84, 0.010, 296.813



Achromatomaly
84, 8.135, 158.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 22.448, 157.127 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(179, 226, 198)` looks like.

```
.text, #text, p{  
    color:rgb(179, 226, 198)  
}
```

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(179, 226, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 226, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 22.448, 157.127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

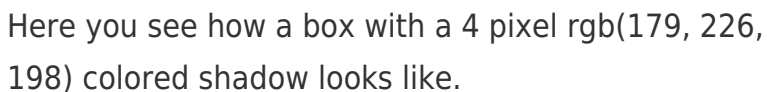
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 226, 198) }
```

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

```
.border{ border-color:rgb(179, 226, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 226, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 226, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 226, 198); box-shadow:4px 4px 4px 4px rgb(179, 226, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 22.448, 157.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 226, 198) }
```

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

```
.background{ background-color: rgb(179,  
226, 198) }
```

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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