

Converting Colors

CIELCh(86, 27.736, 142.414)

Have a look what the booklet for
CIELCh(86, 27.736, 142.414)
contains.

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Color

CIELCh(86, 27.790, 142.057)

Conversions

Conversions Part 1

Format	Color
Hex	B8E2B6
RGB	184, 226, 182
RGB Percent	72%, 89%, 71%
CMY	0.2783, 0.1136, 0.2861
CMYK	0.19, 0.00, 0.19, 0.11
HSL	117°, 43%, 80%
HSV	117°, 19%, 89%
XYZ	55.4300, 67.9871, 54.4770
YIQ	208.4260, -10.9080, -22.5880

Conversions

Conversions Part 2

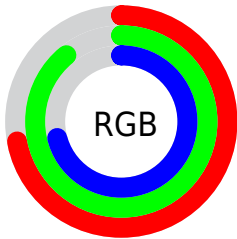
Format	Color
RYB	182, 226, 224
Decimal	12116662
CIELab	86.00, -21.92, 17.09
CIELCh	86, 27.790, 142.057
Yxy	67.9871, 0.3116, 0.3822
Android (android.graphics.Color)	4290306742 (0xFFB8E2B6)
YUV	208.4260, -13.0280, -21.4216
Hunter-Lab	82.4543, -24.2983, 18.5455

Details

The CIELCh color $86, 27.790, 142.057$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $79, 27.858, 324.224$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 10.188, 140.908$, and $66, 28.158, 142.256$ is the 20% darker color. If you saturate the color by 10%, you get $84, 42.064, 141.299$, and if you desaturate by 10%, it is $88, 13.454, 142.717$.

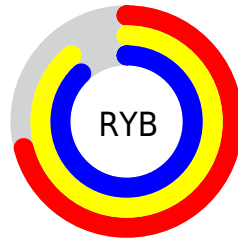
Distribution



Red (72%)

Green (89%)

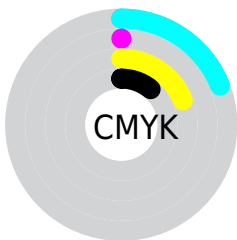
Blue (71%)



Red (71%)

Yellow (89%)

Blue (88%)

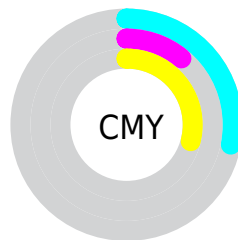


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (28%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 27.790, 142.057 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, 27.790, 142.057 by changing the saturation by 10% instead.

■ 86, 27.790,
142.057

■ 86, 27.790,
142.057

■ 100, 27.790,
142.057

■ 76, 27.790,
142.057

■ 66, 27.790,
142.057

■ 56, 27.790,
142.057

■ 46, 27.790,
142.057

■ 36, 27.790,
142.057

■ 26, 27.790,
142.057

■ 16, 27.790,

142.057

■ 6, 27.790, 142.057

■ 0, 27.790, 142.057

■ 86, 27.790,
142.057

■ 86, 27.790,
142.057

■ 84, 42.064,
141.299

■ 88, 13.454,
142.717

■ 83, 56.014,
140.436

■ 90, 0.761, 322.894

■ 82, 69.306,
139.479

■ 92, 14.722,
323.701

■ 81, 81.511,
138.469

■ 93, 18.108,
325.053

■ 80, 92.103,

137.486

■ 79, 100.485,
136.655

■ 79, 106.125,
136.116

■ 79, 109.012,
135.886

■ 79, 109.127,
135.870

Harmonies

Complementary

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



86, 27.790, 142.057



79, 27.858, 324.224

Rectangle

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



86, 27.790, 142.057



86, 27.790, 192.057



86, 27.790, 322.057



86, 27.790, 12.057

Sweetspot

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



86, 27.792, 142.057



99, 9.377, 142.929



88, 21.644, 106.133



52, 6.223, 142.888



0, 0.000, 0.000



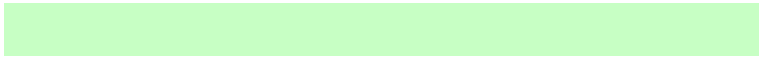
53, 0.007, 296.813

Same Dimension

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



86, 27.792, 142.057



95, 36.227, 141.790



86, 20.300, 159.416



46, 8.022, 142.719



63, 90.428, 135.816



16, 34.837, 138.660

Inverse Universe

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



79, 27.858, 324.224



86, 36.316, 324.415



79, 20.691, 342.661



44, 8.040, 323.693



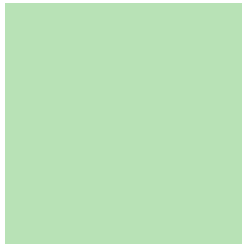
40, 87.693, 326.454



7, 35.896, 326.706

Previews

White Background



This preview shows how the CIELCh color 86, 27.790, 142.057 looks on a white background.

Color Contrast Check

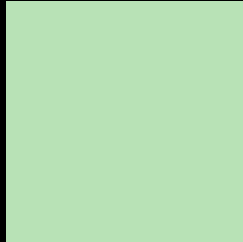
Large Text (above 18pt) WCAG AA × Fail

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, 27.790, 142.057 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, 27.790, 142.057

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.790, 142.057.

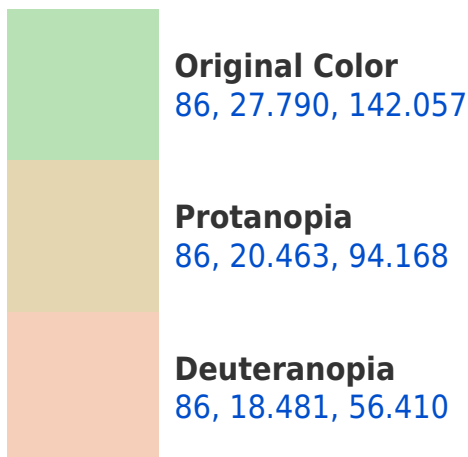


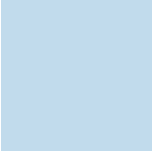
This preview shows how white text looks on a background with the CIELCh color 86, 27.790, 142.057.

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](#).

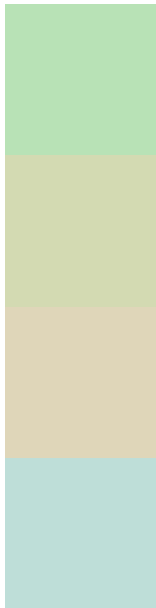
Dichromacy





Tritanopia
86, 12.320, 245.578

Trichromacy



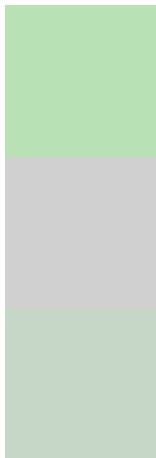
Original Color
86, 27.790, 142.057

Protanomaly
86, 21.006, 115.719

Deuteranomaly
86, 15.527, 96.071

Tritanomaly
86, 11.692, 182.971

Monochromacy



Original Color
86, 27.790, 142.057

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 10.290, 144.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.790, 142.057 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(184, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(184, 226, 182)  
}
```

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(184, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 226, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.790, 142.057 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(184, 226, 182) }
```

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

```
.border{ border-color:rgb(184, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 226, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 226, 182);  
box-shadow:4px 4px 4px 4px rgb(184, 226,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.790, 142.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 226, 182) }
```

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

```
.background{ background-color: rgb(184,  
226, 182) }
```

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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