

Converting Colors

CIELCh(86, 25.457, 146.641)

Have a look what the booklet for
CIELCh(86, 25.457, 146.641)
contains.

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Color

CIELCh(86, 25.429, 146.509)

Conversions

Conversions Part 1

Format	Color
Hex	B7E2BC
RGB	183, 226, 188
RGB Percent	72%, 89%, 74%
CMY	0.2829, 0.1143, 0.2633
CMYK	0.19, 0.00, 0.17, 0.11
HSL	127°, 42%, 80%
HSV	127°, 19%, 89%
XYZ	55.7126, 67.9871, 57.6831
YIQ	208.8110, -13.4300, -20.9340

Conversions

Conversions Part 2

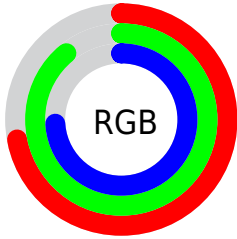
Format	Color
RYB	183, 222, 226
Decimal	12051132
CIELab	86.00, -21.21, 14.03
CIELCh	86, 25.429, 146.509
Yxy	67.9871, 0.3072, 0.3748
Android (android.graphics.Color)	4290241212 (0xFFB7E2BC)
YUV	208.8110, -10.2598, -22.6362
Hunter-Lab	82.4543, -23.6865, 16.2401

Details

The CIELCh color $86, 25.429, 146.509$ is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be $79, 25.480, 328.884$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 7.969, 154.406$, and $66, 25.690, 146.914$ is the 20% darker color. If you saturate the color by 10%, you get $84, 38.794, 145.666$, and if you desaturate by 10%, it is $88, 12.016, 147.240$.

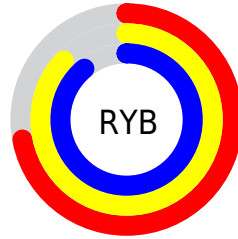
Distribution



Red (72%)

Green (89%)

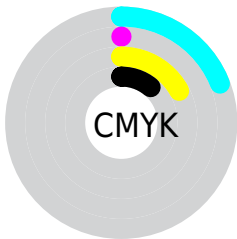
Blue (74%)



Red (72%)

Yellow (87%)

Blue (89%)

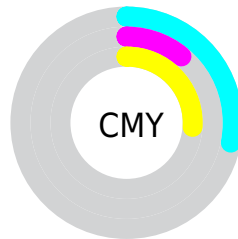


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (11%)



Cyan (28%)

Magenta (11%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 25.429, 146.509 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, 25.429, 146.509 by changing the saturation by 10% instead.

■ 86, 25.429,
146.509

■ 86, 25.429,
146.509

■ 100, 25.429,
146.509

■ 76, 25.429,
146.509

■ 66, 25.429,
146.509

■ 56, 25.429,
146.509

■ 46, 25.429,
146.509

■ 36, 25.429,
146.509


■ 26, 25.429,
146.509


■ 16, 25.429,

146.509

 6, 25.429, 146.509


 0, 25.429, 146.509

 86, 25.429,
146.509

 86, 25.429,
146.509


 84, 38.794,
145.666


 88, 12.016,
147.240


 83, 51.879,
144.689

 90, 1.279, 327.582

 82, 64.406,
143.567

 92, 14.329,
328.330

 81, 76.046,
142.306

 93, 18.224,
325.057

 80, 86.434,

140.935

■ 79, 95.186,
139.519

■ 79, 101.936,
138.168

■ 79, 106.454,
137.047

■ 79, 106.785,
136.968

Harmonies

Complementary

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



86, 25.429, 146.509



79, 25.480, 328.884

Rectangle

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



86, 25.429, 146.509



86, 25.429, 196.509



86, 25.429, 326.509



86, 25.429, 16.509

Sweetspot

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



86, 25.431, 146.509



99, 8.781, 147.447



89, 22.287, 112.552



52, 5.828, 147.402



0, 0.000, 0.000



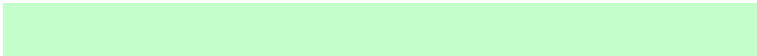
53, 0.007, 296.813

Same Dimension

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



86, 25.431, 146.509



95, 33.923, 146.177



86, 17.747, 167.662



46, 7.511, 147.212



63, 88.200, 137.159



16, 33.229, 141.495

Inverse Universe

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



79, 25.480, 328.884



86, 33.986, 329.133



79, 18.424, 351.230



44, 7.528, 328.299



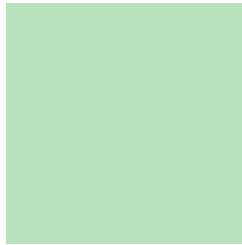
41, 79.891, 333.458



7, 33.216, 332.501

Previews

White Background



This preview shows how the CIELCh color 86, 25.429, 146.509 looks on a white background.

Color Contrast Check

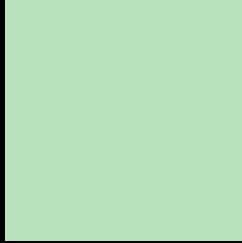
Large Text (above 18pt) WCAG AA × Fail

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, 25.429, 146.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

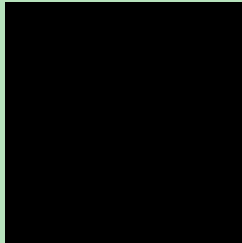
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

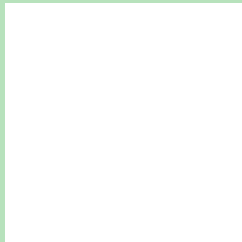
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 25.429, 146.509

Background



This preview shows how black text looks on a background with the CIELCh color 86, 25.429, 146.509.

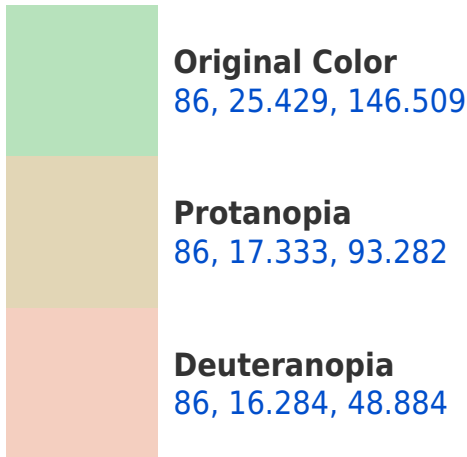


This preview shows how white text looks on a background with the CIELCh color 86, 25.429, 146.509.

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](#).

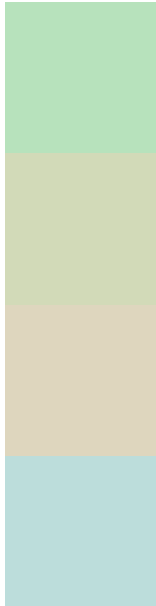
Dichromacy





Tritanopia
86, 13.118, 245.236

Trichromacy



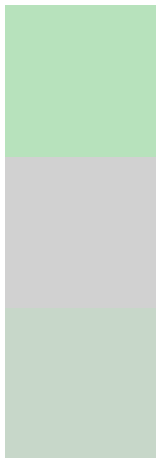
Original Color
86, 25.429, 146.509

Protanomaly
86, 17.995, 118.351

Deuteranomaly
86, 12.894, 95.501

Tritanomaly
86, 11.517, 193.391

Monochromacy



Original Color
86, 25.429, 146.509

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 9.436, 147.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 25.429, 146.509 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(183, 226, 188)` looks like.

```
.text, #text, p{  
    color:rgb(183, 226, 188)  
}
```

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(183, 226, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 226, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 25.429, 146.509 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(183, 226, 188) }
```

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

```
.border{ border-color:rgb(183, 226, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 226, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 226, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 226, 188);  
box-shadow:4px 4px 4px 4px rgb(183, 226,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 25.429, 146.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 226, 188) }
```

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

```
.background{ background-color: rgb(183,  
226, 188) }
```

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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