

Converting Colors

CIELCh(86, 27.760, 149.114)

Have a look what the booklet for
CIELCh(86, 27.760, 149.114)
contains.

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Color

CIELCh(86, 27.827, 148.955)

Conversions

Conversions Part 1

Format	Color
Hex	B1E3BB
RGB	177, 227, 187
RGB Percent	69%, 89%, 73%
CMY	0.3053, 0.1091, 0.2660
CMYK	0.22, 0.00, 0.18, 0.11
HSL	132°, 47%, 79%
HSV	132°, 22%, 89%
XYZ	54.6671, 67.9871, 57.3429
YIQ	207.4900, -16.9600, -23.0400

Conversions

Conversions Part 2

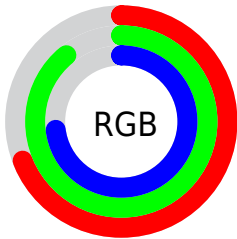
Format	Color
RYB	177, 219, 227
Decimal	11658171
CIELab	86.00, -23.84, 14.35
CIELCh	86, 27.827, 148.955
Yxy	67.9871, 0.3037, 0.3777
Android (android.graphics.Color)	4289848251 (0xFFB1E3BB)
YUV	207.4900, -10.1016, -26.7397
Hunter-Lab	82.4543, -25.9498, 16.4848

Details

The CIELCh color $86, 27.827, 148.955$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $78, 27.944, 331.920$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 9.881, 160.629$, and $66, 27.556, 149.471$ is the 20% darker color. If you saturate the color by 10%, you get $84, 40.408, 148.040$, and if you desaturate by 10%, it is $88, 15.141, 149.749$.

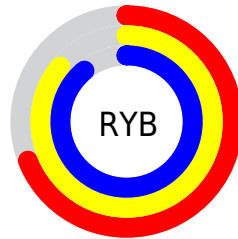
Distribution



Red (69%)

Green (89%)

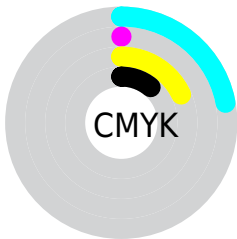
Blue (73%)



Red (69%)

Yellow (86%)

Blue (89%)

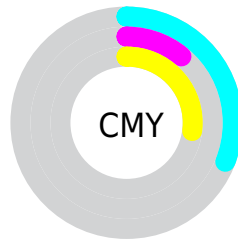


Cyan (22%)

Magenta (0%)

Yellow (18%)

Black (11%)



Cyan (31%)

Magenta (11%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 27.827, 148.955 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, 27.827, 148.955 by changing the saturation by 10% instead.


 86, 27.827,
148.955

 86, 27.827,
148.955


 100, 27.827,
148.955


 76, 27.827,
148.955

 66, 27.827,
148.955

 56, 27.827,
148.955

 46, 27.827,
148.955

 36, 27.827,
148.955


 26, 27.827,
148.955

 16, 27.827,


148.955

 6, 27.827, 148.955


 0, 27.827, 148.955

 86, 27.827,
148.955


 86, 27.827,
148.955

 84, 40.408,
148.040


 88, 15.141,
149.749


 83, 52.663,
146.981

 90, 2.515, 150.537

 82, 64.340,
145.763

 92, 9.922, 330.952

 81, 75.160,
144.381

 93, 17.400,
325.028

 80, 84.837,

142.848

■ 80, 93.098,
141.211

■ 79, 99.716,
139.553

■ 79, 103.774,
138.342

Harmonies

Complementary

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



86, 27.827, 148.955



78, 27.944, 331.920

Rectangle

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



86, 27.827, 148.955



86, 27.827, 198.955



86, 27.827, 328.955



86, 27.827, 18.955

Sweetspot

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



86, 27.829, 148.955



98, 9.658, 150.113



89, 26.044, 115.795



52, 6.278, 150.069



0, 0.000, 0.000



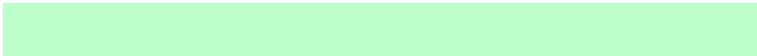
53, 0.007, 296.813

Same Dimension

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



86, 27.829, 148.955



95, 36.096, 148.591



87, 19.399, 172.713



47, 7.207, 149.937



63, 86.114, 138.605



17, 33.167, 142.543

Inverse Universe

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



78, 27.944, 331.920



84, 36.253, 332.199



77, 20.607, 357.080



45, 7.229, 331.088



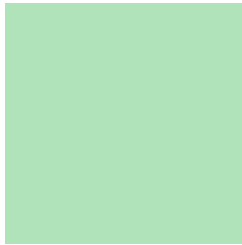
40, 75.752, 338.124



8, 32.524, 336.312

Previews

White Background



This preview shows how the CIELCh color 86, 27.827, 148.955 looks on a white background.

Color Contrast Check

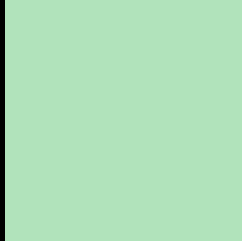
Large Text (above 18pt) WCAG AA × Fail

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, 27.827, 148.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

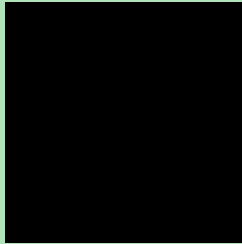
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

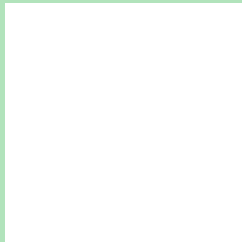
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 27.827, 148.955

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.827, 148.955.

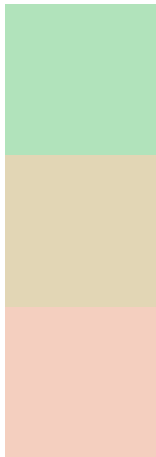


This preview shows how white text looks on a background with the CIELCh color 86, 27.827, 148.955.

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



Original Color
86, 27.827, 148.955

Protanopia
86, 17.837, 93.660

Deuteranopia
86, 16.570, 50.391

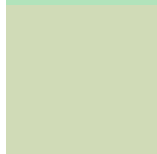


Tritanopia
86, 14.494, 239.703

Trichromacy



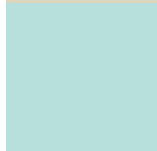
Original Color
86, 27.827, 148.955



Protanomaly
86, 19.232, 121.075



Deuteranomaly
86, 12.739, 98.834



Tritanomaly
86, 13.882, 191.934

Monochromacy



Original Color
86, 27.827, 148.955



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 10.312, 148.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.827, 148.955 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(177, 227, 187)` looks like.

```
.text, #text, p{  
    color:rgb(177, 227, 187)  
}
```

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(177, 227, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 227, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.827, 148.955 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(177, 227, 187) }
```

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

```
.border{ border-color:rgb(177, 227, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 227, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 227, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 227, 187); box-shadow:4px 4px 4px 4px rgb(177, 227, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.827, 148.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 227, 187) }
```

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

```
.background{ background-color: rgb(177,  
227, 187) }
```

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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