

Converting Colors

CIELCh(86, 24.343, 145.389)

Have a look what the booklet for
CIELCh(86, 24.343, 145.389)
contains.

CIELCh(86, 24.364, 145.383)	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, 24.364, 145.383)

Conversions

Conversions Part 1

Format	Color
Hex	B9E1BC
RGB	185, 225, 188
RGB Percent	73%, 88%, 74%
CMY	0.2735, 0.1166, 0.2617
CMYK	0.18, 0.00, 0.16, 0.12
HSL	124°, 40%, 80%
HSV	124°, 18%, 88%
XYZ	56.1757, 67.9871, 57.8876
YIQ	208.8220, -11.9630, -19.9870

Conversions

Conversions Part 2

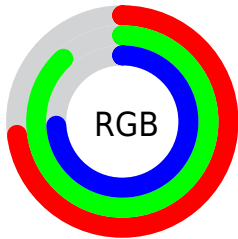
Format	Color
RYB	185, 222, 225
Decimal	12181948
CIELab	86.00, -20.05, 13.84
CIELCh	86, 24.364, 145.383
Yxy	67.9871, 0.3086, 0.3735
Android (android.graphics.Color)	4290372028 (0xFFB9E1BC)
YUV	208.8220, -10.2652, -20.8919
Hunter-Lab	82.4543, -22.6839, 16.0931

Details

The CIELCh color **86, 24.364, 145.383** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 24.400, 327.531**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.487, 150.728**, and **66, 24.574, 145.818** is the 20% darker color. If you saturate the color by 10%, you get **84, 38.113, 144.569**, and if you desaturate by 10%, it is **88, 10.590, 146.090**.

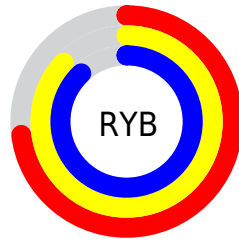
Distribution



Red (73%)

Green (88%)

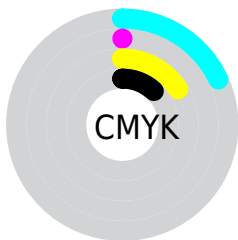
Blue (74%)



Red (73%)

Yellow (87%)

Blue (88%)

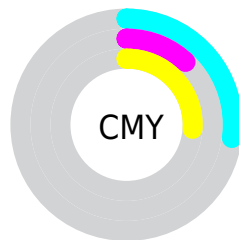


Cyan (18%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (27%)

Magenta (12%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 24.364, 145.383 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, 24.364, 145.383 by changing the saturation by 10% instead.


 86, 24.364,
145.383

 86, 24.364,
145.383


 100, 24.364,
145.383

 76, 24.364,
145.383

 66, 24.364,
145.383

 56, 24.364,
145.383

 46, 24.364,
145.383

 36, 24.364,
145.383

 26, 24.364,
145.383

 16, 24.364,

145.383


 6, 24.364, 145.383


 0, 24.364, 145.383

 86, 24.364,
145.383


 86, 24.364,
145.383


 84, 38.113,
144.569


 88, 10.590,
146.090


 83, 51.598,
143.626

 90, 3.041, 326.550

 81, 64.526,
142.546

 92, 16.404,
327.132

 80, 76.540,
141.341

 93, 18.589,
325.070

 80, 87.231,

140.050

■ 79, 96.153,
138.752

■ 79, 102.867,
137.571

■ 79, 107.084,
136.657

■ 78, 107.721,
136.527

Harmonies

Complementary

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



86, 24.364, 145.383



80, 24.400, 327.531

Rectangle

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



86, 24.364, 145.383



86, 24.364, 195.383



86, 24.364, 325.383



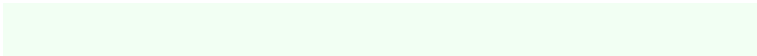
86, 24.364, 15.383

Sweetspot

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



86, 24.366, 145.383



99, 7.525, 146.275



89, 20.722, 111.264



53, 5.138, 146.227



0, 0.000, 0.000



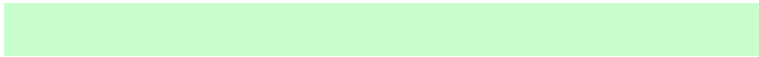
53, 0.007, 296.813

Same Dimension

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



86, 24.366, 145.383



95, 31.881, 145.121



86, 16.937, 165.812



46, 7.733, 145.976



63, 89.249, 136.670



16, 33.943, 140.748

Inverse Universe

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



80, 24.400, 327.531



87, 31.921, 327.728



79, 17.458, 349.038



44, 7.747, 327.041



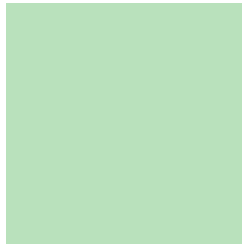
41, 82.511, 331.447



7, 34.164, 330.876

Previews

White Background



This preview shows how the CIELCh color 86, 24.364, 145.383 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, 24.364, 145.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

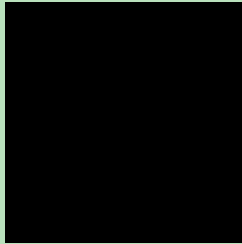
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

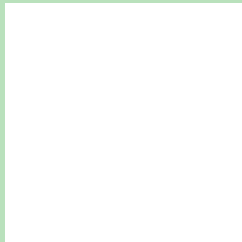
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 24.364, 145.383

Background



This preview shows how black text looks on a background with the CIELCh color 86, 24.364, 145.383.

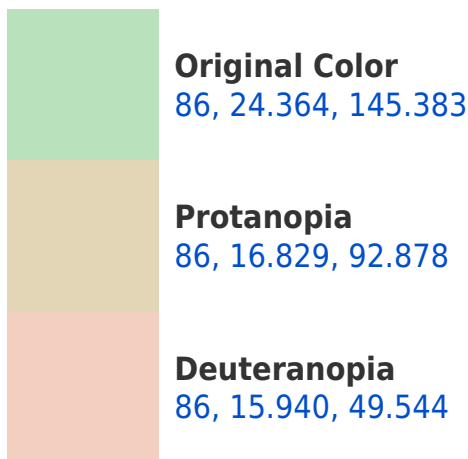


This preview shows how white text looks on a background with the CIELCh color 86, 24.364, 145.383.

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



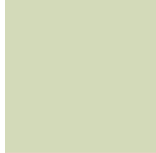


Tritanopia
86, 12.320, 245.578

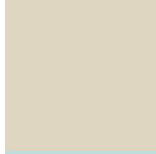
Trichromacy



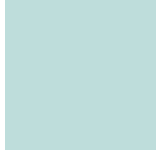
Original Color
86, 24.364, 145.383



Protanomaly
86, 17.417, 117.452



Deuteranomaly
86, 12.385, 95.001

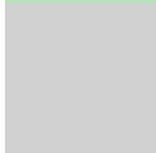


Tritanomaly
86, 10.853, 193.122

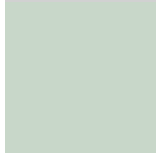
Monochromacy



Original Color
86, 24.364, 145.383



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 9.212, 145.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 24.364, 145.383 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(185, 225, 188)` looks like.

```
.text, #text, p{  
    color:rgb(185, 225, 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(185, 225, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 225, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 24.364, 145.383 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(185, 225, 188) }
```

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

```
.border{ border-color:rgb(185, 225, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 225, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 225, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 225, 188);  
box-shadow:4px 4px 4px 4px rgb(185, 225,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 24.364, 145.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 225, 188) }
```

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

```
.background{ background-color: rgb(185,  
225, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor