

Converting Colors

CIELCh(86, 8.850, 192.043)

Have a look what the booklet for
CIELCh(86, 8.850, 192.043) contains.

CIELCh(86, 8.847, 192.012)	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, 8.847, 192.012)

Conversions

Conversions Part 1

Format	Color
Hex	C3DCDA
RGB	195, 220, 218
RGB Percent	76%, 86%, 85%
CMY	0.2345, 0.1365, 0.1443
CMYK	0.11, 0.00, 0.01, 0.14
HSL	175°, 26%, 81%
HSV	175°, 11%, 86%
XYZ	60.8788, 67.9871, 76.3759
YIQ	212.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

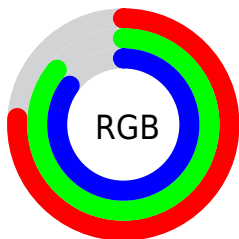
Format	Color
RYB	195, 208, 220
Decimal	12836058
CIELab	86.00, -8.65, -1.84
CIELCh	86, 8.847, 192.012
Yxy	67.9871, 0.2966, 0.3313
Android (android.graphics.Color)	4291026138 (0xFFC3DCDA)
YUV	212.2970, 2.8116, -15.1695
Hunter-Lab	82.4543, -12.5025, 2.7988

Details

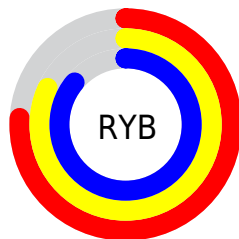
The CIELCh color `86, 8.847, 192.012` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 9.408, 13.644`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.042, 199.975`, and `66, 8.911, 191.503` is the 20% darker color. If you saturate the color by 10%, you get `85, 16.236, 191.237`, and if you desaturate by 10%, it is `88, 1.075, 193.210`.

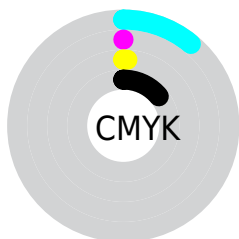
Distribution



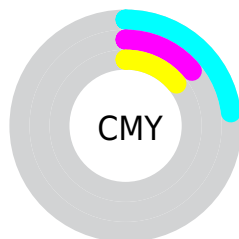
- Red (76%)
- Green (86%)
- Blue (85%)



- Red (76%)
- Yellow (82%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 8.847, 192.012 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, 8.847, 192.012 by changing the saturation by 10% instead.

■ 86, 8.847, 192.012

■ 86, 8.847, 192.012

■ 100, 8.847,
192.012

■ 76, 8.847, 192.012

■ 66, 8.847, 192.012

■ 56, 8.847, 192.012

■ 46, 8.847, 192.012

■ 36, 8.847, 192.012

■ 26, 8.847, 192.012

■ 16, 8.847, 192.012

■ 6, 8.847, 192.012

■ 0, 8.847, 192.012

86, 8.847, 192.012

86, 8.847, 192.012

85, 16.236,
191.237

88, 1.075, 193.210

83, 23.110,
190.488

89, 6.970, 13.320

82, 29.338,
189.739

91, 12.863, 12.737

81, 34.791,
188.981

91, 13.159, 4.851

81, 39.363,
188.202

91, 13.400, 1.079

80, 42.981,
187.389

91, 13.699,
357.458

80, 45.626,
186.527

91, 14.052,
354.010

79, 47.345,
185.598

91, 14.455,
350.746

■ 79, 48.259,
184.745

Harmonies

Complementary

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



86, 8.847, 192.012



81, 9.408, 13.644

Rectangle

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



86, 8.847, 192.012



86, 8.847, 242.012



86, 8.847, 12.012



86, 8.847, 62.012

Sweetspot

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



86, 8.848, 192.002



99, 2.674, 192.790



86, 15.624, 141.588



53, 2.025, 192.680



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, 8.848, 192.002



97, 12.212, 191.787



83, 7.409, 247.300



45, 4.426, 192.156



64, 40.322, 184.916



16, 15.965, 186.773

Inverse Universe

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



81, 9.408, 13.644



90, 13.189, 13.916



84, 7.735, 64.633



43, 4.657, 13.458



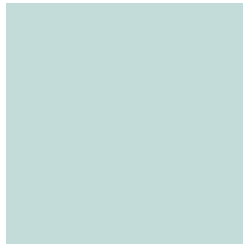
36, 74.945, 36.609



5, 23.742, 16.811

Previews

White Background



This preview shows how the CIELCh color 86, 8.847, 192.012 looks on a white background.

Color Contrast Check

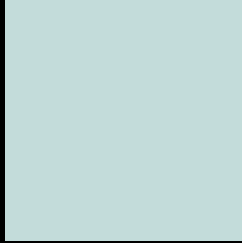
Large Text (above 18pt) WCAG AA × Fail

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, 8.847, 192.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

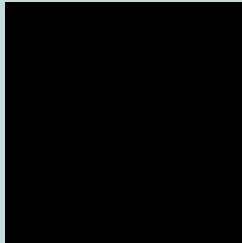
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

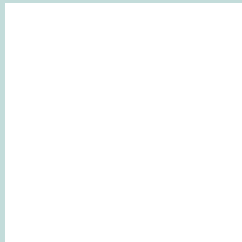
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 8.847, 192.012

Background



This preview shows how black text looks on a background with the CIELCh color 86, 8.847, 192.012.

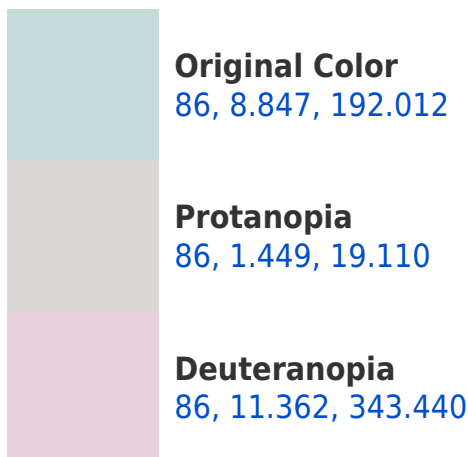


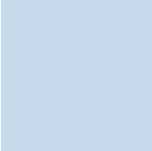
This preview shows how white text looks on a background with the CIELCh color 86, 8.847, 192.012.

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](#).

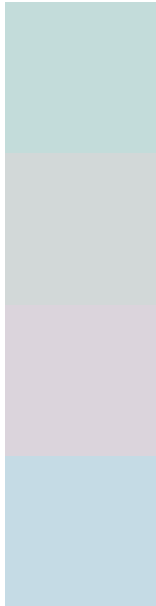
Dichromacy





Tritanopia
86, 11.068, 253.034

Trichromacy



Original Color
86, 8.847, 192.012

Protanomaly
86, 2.145, 199.523

Deuteranomaly
86, 4.927, 321.127

Tritanomaly
86, 9.093, 234.363

Monochromacy



Original Color
86, 8.847, 192.012

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.267, 190.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 8.847, 192.012 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(195, 220, 218)` looks like.

```
.text, #text, p{  
    color:rgb(195, 220, 218)  
}
```

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(195, 220, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 220, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 8.847, 192.012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

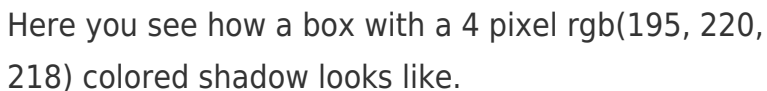
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 220, 218) }
```

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

```
.border{ border-color:rgb(195, 220, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 220, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 220, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 220, 218); box-shadow:4px 4px 4px 4px rgb(195, 220, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 8.847, 192.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 220, 218) }
```

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

```
.background{ background-color: rgb(195,  
220, 218) }
```

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