

Converting Colors

CIELCh(86, 12.013, 150.853)

Have a look what the booklet for
CIELCh(86, 12.013, 150.853)
contains.

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Color

CIELCh(86, 12.013, 150.864)

Conversions

Conversions Part 1

Format	Color
Hex	C7DDCC
RGB	199, 221, 204
RGB Percent	78%, 87%, 80%
CMY	0.2208, 0.1346, 0.2012
CMYK	0.10, 0.00, 0.08, 0.13
HSL	134°, 24%, 82%
HSV	134°, 10%, 87%
XYZ	60.1025, 67.9871, 66.8833
YIQ	212.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

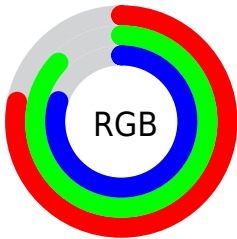
Format	Color
RYB	199, 217, 221
Decimal	13098444
CIELab	86.00, -10.49, 5.85
CIElCh	86, 12.013, 150.864
Yxy	67.9871, 0.3083, 0.3487
Android (android.graphics.Color)	4291288524 (0xFFC7DDCC)
YUV	212.4840, -4.1826, -11.8255
Hunter-Lab	82.4543, -14.1829, 9.6246

Details

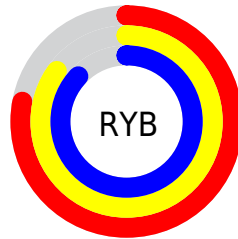
The CIELCh color `86, 12.013, 150.864` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 12.059, 332.108`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 12.015, 151.069` is the 20% darker color. If you saturate the color by 10%, you get `84, 24.159, 150.078`, and if you desaturate by 10%, it is `88, 0.047, 324.232`.

Distribution



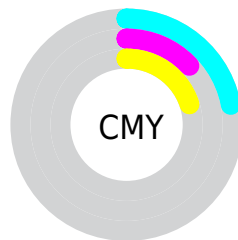
- Red (78%)
- Green (87%)
- Blue (80%)



- Red (78%)
- Yellow (85%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 12.013, 150.864 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, 12.013, 150.864 by changing the saturation by 10% instead.

 86, 12.013,
150.864

 86, 12.013,
150.864


 100, 12.013,
150.864


 76, 12.013,
150.864

 66, 12.013,
150.864

 56, 12.013,
150.864

 46, 12.013,
150.864

 36, 12.013,
150.864

 26, 12.013,
150.864

 16, 12.013,

150.864

■ 6, 12.013, 150.864

■ 0, 12.013, 150.864

■ 86, 12.013,
150.864

■ 86, 12.013,
150.864

■ 84, 24.159,
150.078

■ 88, 0.047, 324.232

■ 83, 36.233,
149.179

■ 90, 11.912,
332.054

■ 81, 48.043,
148.141

■ 92, 21.414,
325.294

■ 80, 59.359,
146.945

■ 92, 21.480,
325.172

■ 79, 69.929,

145.578

■ 78, 79.493,
144.046

■ 78, 87.810,
142.376

■ 77, 94.679,
140.633

■ 77, 100.027,
138.972

Harmonies

Complementary

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



86, 12.013, 150.864



82, 12.059, 332.108

Rectangle

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



86, 12.013, 150.864



86, 12.013, 200.864



86, 12.013, 330.864



86, 12.013, 20.864

Sweetspot

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



86, 12.015, 150.863



99, 4.041, 151.402



87, 11.599, 117.981



53, 3.067, 151.329



0, 0.000, 0.000



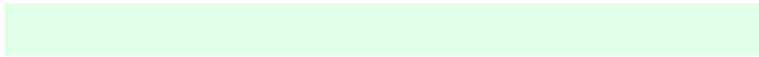
53, 0.007, 296.813

Same Dimension

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



86, 12.015, 150.863



97, 16.282, 150.703



86, 8.508, 176.265



45, 6.805, 150.903



62, 82.987, 139.261



15, 29.981, 144.347

Inverse Universe

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



82, 12.059, 332.108



92, 16.345, 332.253



82, 8.771, 358.023



43, 6.830, 332.072



39, 72.703, 339.797



6, 29.451, 337.377

Previews

White Background



This preview shows how the CIELCh color 86, 12.013, 150.864 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, 12.013, 150.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

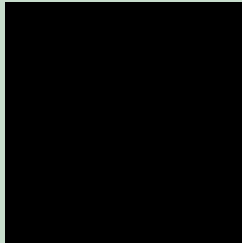
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

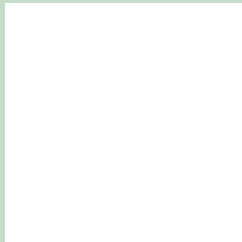
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 12.013, 150.864

Background



This preview shows how black text looks on a background with the CIELCh color 86, 12.013, 150.864.

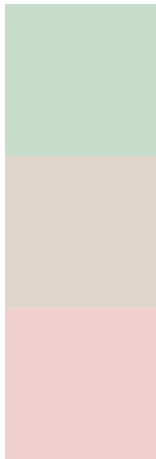


This preview shows how white text looks on a background with the CIELCh color 86, 12.013, 150.864.

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](#).

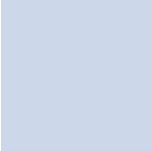
Dichromacy



Original Color
86, 12.013, 150.864

Protanopia
86, 7.886, 87.343

Deuteranopia
86, 11.619, 25.350



Tritanopia
86, 9.743, 265.891

Trichromacy



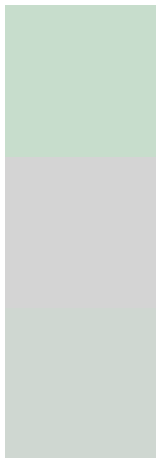
Original Color
86, 12.013, 150.864

Protanomaly
86, 7.878, 114.881

Deuteranomaly
86, 5.817, 65.430

Tritanomaly
86, 5.949, 219.830

Monochromacy



Original Color
86, 12.013, 150.864

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.297, 152.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 12.013, 150.864 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(199, 221, 204)` looks like.

```
.text, #text, p{  
    color:rgb(199, 221, 204)  
}
```

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(199, 221, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 221, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 12.013, 150.864 is called "border". The border property can be set on classes, ids or directly on the HTML element.

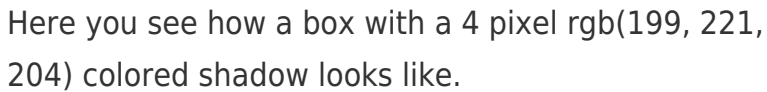
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 221, 204) }
```

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

```
.border{ border-color:rgb(199, 221, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 221, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 221, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 221, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 221,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 12.013, 150.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 221, 204) }
```

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

```
.background{ background-color: rgb(199,  
221, 204) }
```

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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