

Converting Colors

CIELCh(86, 11.643, 119.986)

Have a look what the booklet for
CIELCh(86, 11.643, 119.986)
contains.

CIELCh(86, 11.712, 120.174)	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, 11.712, 120.174)

Conversions

Conversions Part 1

Format	Color
Hex	D4DAC4
RGB	212, 218, 196
RGB Percent	83%, 85%, 77%
CMY	0.1694, 0.1458, 0.2321
CMYK	0.03, 0.00, 0.10, 0.15
HSL	76°, 23%, 81%
HSV	76°, 10%, 85%
XYZ	62.0586, 67.9871, 61.9625
YIQ	213.6980, 3.4860, -8.1140

Conversions

Conversions Part 2

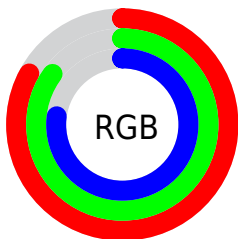
Format	Color
RYB	196, 218, 202
Decimal	13949636
CIELab	86.00, -5.89, 10.13
CIELCh	86, 11.712, 120.174
Yxy	67.9871, 0.3232, 0.3541
Android (android.graphics.Color)	4292139716 (0xFFD4DAC4)
YUV	213.6980, -8.7251, -1.4891
Hunter-Lab	82.4543, -9.9483, 13.1630

Details

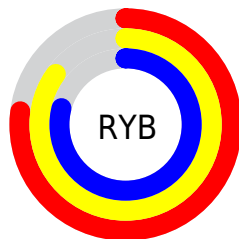
The CIELCh color **86, 11.712, 120.174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 11.957, 301.408**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **66, 11.822, 120.527** is the 20% darker color. If you saturate the color by 10%, you get **85, 23.271, 119.565**, and if you desaturate by 10%, it is **87, 0.107, 121.157**.

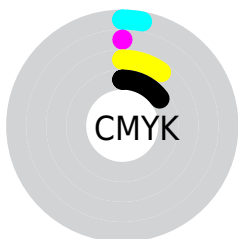
Distribution



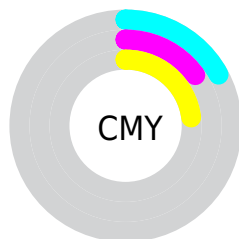
- Red (83%)
- Green (85%)
- Blue (77%)



- Red (77%)
- Yellow (85%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)




- Cyan (17%)
- Magenta (15%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 11.712, 120.174 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, 11.712, 120.174 by changing the saturation by 10% instead.


 86, 11.712,
120.174


 86, 11.712,
120.174


 100, 11.712,
120.174


 76, 11.712,
120.174


 66, 11.712,
120.174

 56, 11.712,
120.174

 46, 11.712,
120.174

 36, 11.712,
120.174

 26, 11.712,
120.174

 16, 11.712,

120.174

■ 6, 11.712, 120.174

■ 0, 11.712, 120.174

■ 86, 11.712,
120.174

■ 86, 11.712,
120.174

■ 85, 23.271,
119.565

■ 87, 0.107, 121.157

■ 84, 34.689,
118.952

■ 88, 11.491,
301.338

■ 84, 45.838,
118.362

■ 89, 19.891,
303.353

■ 83, 56.525,
117.835

■ 89, 20.405,
308.976

■ 82, 66.459,

■ 90, 21.101,
314.339

117.426

90, 21.969,
319.377

82, 75.230,
117.215

91, 22.991,
324.050

81, 82.322,
117.306

91, 23.289,
325.235

81, 87.253,
117.803

80, 90.093,
118.689

Harmonies

Complementary

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



86, 11.712, 120.174



80, 11.957, 301.408

Rectangle

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



86, 11.712, 120.174



86, 11.712, 170.174



86, 11.712, 300.174



86, 11.712, 350.174

Sweetspot

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



86, 11.714, 120.180



100, 3.947, 120.612



82, 6.774, 46.862



53, 2.994, 120.561



0, 0.000, 0.000



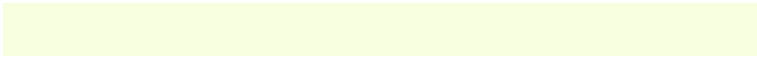
53, 0.007, 296.813

Same Dimension

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



86, 11.714, 120.180



99, 15.813, 120.057



85, 13.137, 137.366



46, 6.620, 120.220



65, 75.906, 118.478



17, 27.420, 118.822

Inverse Universe

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



80, 11.957, 301.408



91, 16.200, 301.546



81, 13.225, 318.225



42, 6.749, 301.364



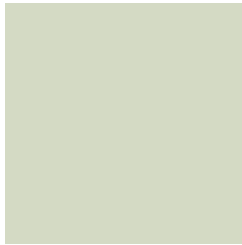
22, 97.636, 308.031



3, 30.101, 301.648

Previews

White Background



This preview shows how the CIELCh color 86, 11.712, 120.174 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, 11.712, 120.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

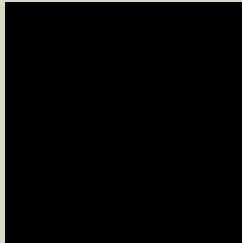
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

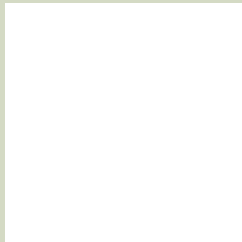
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 11.712, 120.174

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.712, 120.174.



This preview shows how white text looks on a background with the CIELCh color 86, 11.712, 120.174.

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, 11.712, 120.174

Protanopia

86, 11.099, 89.425

Deuteranopia

86, 14.113, 39.654



Tritanopia
86, 9.063, 299.834

Trichromacy



Original Color
86, 11.712, 120.174

Protanomaly
86, 10.605, 99.095

Deuteranomaly
86, 10.516, 63.719

Tritanomaly
86, 1.582, 290.354

Monochromacy



Original Color
86, 11.712, 120.174

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 4.252, 119.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.712, 120.174 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(212, 218, 196)` looks like.

```
.text, #text, p{  
    color:rgb(212, 218, 196)  
}
```

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(212, 218, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 218, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.712, 120.174 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(212, 218, 196) }
```

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

```
.border{ border-color:rgb(212, 218, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 218, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 218, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 218, 196);  
box-shadow:4px 4px 4px 4px rgb(212, 218,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.712, 120.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 218, 196) }
```

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

```
.background{ background-color: rgb(212,  
218, 196) }
```

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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