

Converting Colors

CIELCh(86, 107.112, 131.461)

Have a look what the booklet for
CIELCh(86, 107.112, 131.461)
contains.

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Color

CIELCh(86, 107.298, 131.495)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 65F516 |
| RGB | 101, 245, 22 |
| RGB Percent | 40%, 96%, 9% |
| CMY | 0.6049, 0.0400, 0.9155 |
| CMYK | 0.59, 0.00, 0.91, 0.04 |
| HSL | 99°, 92%, 52% |
| HSV | 99°, 91%, 96% |
| XYZ | 38.0687, 67.9871, 11.8523 |
| YIQ | 176.5220, -14.2410, -99.8810 |

Conversions

Conversions Part 2

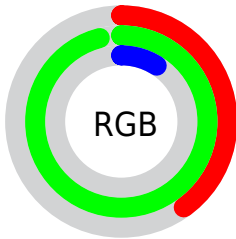
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 22, 245, 166 |
| Decimal | 6681878 |
| CIE _{Lab} | 86.00, -71.09, 80.37 |
| CIE _{LCh} | 86, 107.298, 131.495 |
| Yxy | 67.9871, 0.3229, 0.5766 |
| Android (android.graphics.Color) | 4284871958 (0xFF65F516) |
| YUV | 176.5220, -76.1793, -66.2328 |
| Hunter-Lab | 82.4543, -61.8824, 49.1954 |

Details

The CIELCh color **86, 107.298, 131.495** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **46, 114.218, 316.121**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 83.335, 128.522**, and **66, 94.874, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **86, 110.716, 132.291**, and if you desaturate by 10%, it is **87, 101.125, 130.959**.

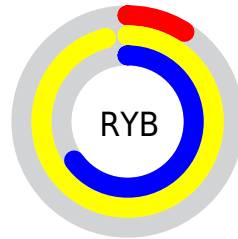
Distribution



Red (40%)

Green (96%)

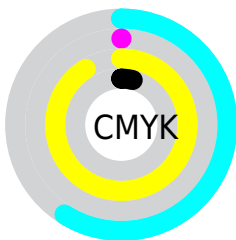
Blue (9%)



Red (9%)

Yellow (96%)

Blue (65%)

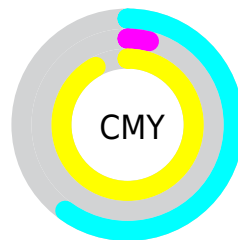


Cyan (59%)

Magenta (0%)

Yellow (91%)

Black (4%)



Cyan (60%)


Magenta (4%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 107.298, 131.495 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, 107.298, 131.495 by changing the saturation by 10% instead.


 86, 107.298,
131.495

 86, 107.298,
131.495


 100, 107.298,
131.495


 76, 107.298,
131.495


 66, 107.298,
131.495

 56, 107.298,
131.495

 46, 107.298,
131.495

 36, 107.298,
131.495

 26, 107.298,
131.495

 16, 107.298,

131.495

■ 6, 107.298,
131.495

■ 0, 107.298,
131.495

■ 86, 107.298,
131.495

■ 86, 107.298,
131.495

■ 86, 110.716,
132.291

■ 87, 101.125,
130.959

■ 87, 92.424,
130.861

■ 88, 81.728,
131.081

■ 89, 69.639,
131.491

■ 90, 56.651,
131.990

■ 92, 43.132,
132.514

■ 93, 29.341,
133.026

■ 95, 15.465,
133.507

■ 96, 1.632, 134.044

Harmonies

Complementary

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



86, 107.298, 131.495



46, 114.218, 316.121

Rectangle

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



86, 107.298, 131.495



86, 107.298, 181.495



86, 107.298, 311.495



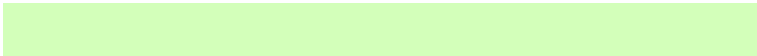
86, 107.298, 1.495

Sweetspot

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



86, 107.298, 131.496



96, 38.628, 132.728



73, 77.249, 74.276



50, 26.009, 132.551



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, 107.298, 131.496



89, 114.235, 132.321



85, 108.955, 138.164



50, 7.847, 133.586



67, 89.891, 132.052



21, 38.048, 131.128

Inverse Universe

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



46, 114.218, 316.121



46, 121.191, 315.489



57, 99.859, 333.900



48, 7.923, 314.358



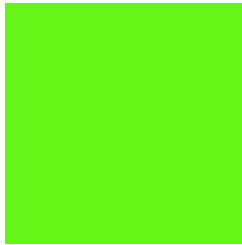
33, 95.536, 315.689



7, 41.647, 316.876

Previews

White Background



This preview shows how the CIELCh color 86, 107.298, 131.495 looks on a white background.

Color Contrast Check

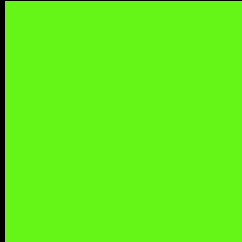
Large Text (above 18pt) WCAG AA × Fail

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, 107.298, 131.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

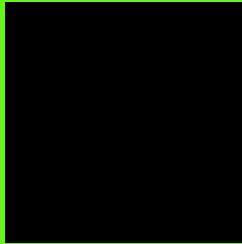
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 107.298, 131.495

Background



This preview shows how black text looks on a background with the CIELCh color 86, 107.298, 131.495.



This preview shows how white text looks on a background with the CIELCh color 86, 107.298, 131.495.

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, 107.298, 131.495

Protanopia

85, 85.781, 94.938

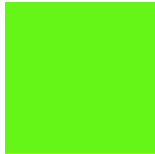
Deuteranopia

85, 47.898, 80.263



Tritanopia
86, 28.002, 217.677

Trichromacy



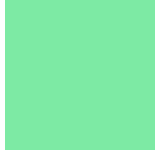
Original Color
86, 107.298, 131.495



Protanomaly
84, 88.991, 112.442



Deuteranomaly
84, 66.067, 111.832

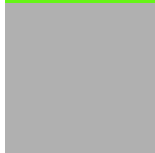


Tritanomaly
85, 52.651, 152.246

Monochromacy



Original Color
86, 107.298, 131.495



Achromatopsia
72, 0.009, 296.813



Achromatomaly
76, 47.227, 131.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 107.298, 131.495 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(101, 245, 22)` looks like.

```
.text, #text, p{  
    color:rgb(101, 245, 22)  
}
```

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(101, 245, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 245, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 107.298, 131.495 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(101, 245, 22) }
```

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

```
.border{ border-color:rgb(101, 245, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 245, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 245, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 245, 22);  
box-shadow:4px 4px 4px 4px rgb(101, 245,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 107.298, 131.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 245, 22) }
```

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

```
.background{ background-color: rgb(101,  
245, 22) }
```

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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