

Converting Colors

CIELCh(85, 107.874, 132.122)

Have a look what the booklet for
CIELCh(85, 107.874, 132.122)
contains.

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Color

CIELCh(85, 107.757, 132.125)

Conversions

Conversions Part 1

Format	Color
Hex	5CF212
RGB	92, 242, 18
RGB Percent	36%, 95%, 7%
CMY	0.6379, 0.0499, 0.9304
CMYK	0.62, 0.00, 0.93, 0.05
HSL	100°, 90%, 51%
HSV	100°, 93%, 95%
XYZ	36.3905, 66.0070, 11.3828
YIQ	171.6140, -17.4960, -101.4640

Conversions

Conversions Part 2

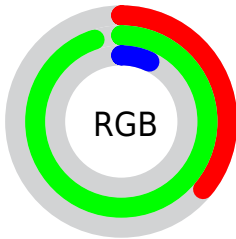
Format	Color
RYB	18, 242, 168
Decimal	6091282
CIELab	85.00, -72.28, 79.92
CIELCh	85, 107.757, 132.125
Yxy	66.0070, 0.3198, 0.5801
Android (android.graphics.Color)	4284281362 (0xFF5CF212)
YUV	171.6140, -75.7317, -69.8215
Hunter-Lab	81.2447, -62.2259, 48.5645

Details

The CIELCh color **85, 107.757, 132.125** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **46, 113.555, 316.701**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 85.294, 129.862**, and **65, 93.739, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **85, 110.464, 132.753**, and if you desaturate by 10%, it is **86, 102.016, 131.572**.

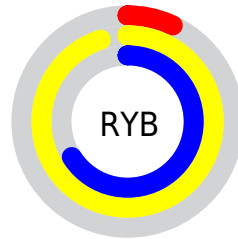
Distribution



Red (36%)

Green (95%)

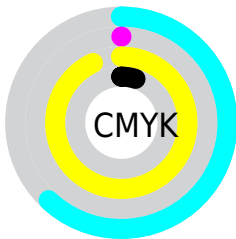
Blue (7%)



Red (7%)

Yellow (95%)

Blue (66%)

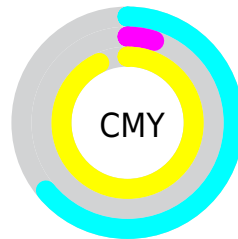


Cyan (62%)

Magenta (0%)

Yellow (93%)

Black (5%)



Cyan (64%)


Magenta (5%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 107.757, 132.125 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 85, 107.757, 132.125 by changing the saturation by 10% instead.


 85, 107.757,
132.125


 85, 107.757,
132.125


 100, 107.757,
132.125


 75, 107.757,
132.125


 65, 107.757,
132.125

 55, 107.757,
132.125

 45, 107.757,
132.125

 35, 107.757,
132.125

 25, 107.757,
132.125

 15, 107.757,

132.125

■ 5, 107.757,
132.125

■ 0, 107.757,
132.125

■ 85, 107.757,
132.125

■ 85, 107.757,
132.125

■ 85, 110.464,
132.753

■ 86, 102.016,
131.572

■ 86, 93.690,
131.460

■ 87, 83.278,
131.678

■ 88, 71.385,
132.096

■ 89, 58.525,
132.608

■ 90, 45.084,
133.146

■ 92, 31.340,
133.672

■ 93, 17.489,
134.164

■ 95, 3.671, 134.648

Harmonies

Complementary

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



85, 107.757, 132.125



46, 113.555, 316.701

Rectangle

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



85, 107.757, 132.125



85, 107.757, 182.125



85, 107.757, 312.125



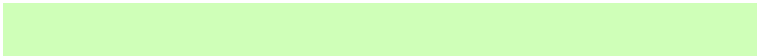
85, 107.757, 2.125

Sweetspot

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



85, 107.757, 132.126



95, 40.316, 133.391



74, 77.441, 76.977



50, 27.801, 133.161



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 107.757, 132.126



89, 114.877, 132.790



84, 107.173, 138.639



50, 7.896, 134.314



67, 90.402, 132.532



21, 38.277, 131.684

Inverse Universe

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



46, 113.555, 316.701



47, 120.638, 316.167



56, 96.904, 335.712



48, 7.968, 315.086



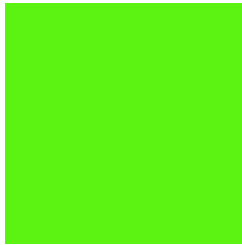
34, 95.112, 316.361



7, 41.627, 317.570

Previews

White Background



This preview shows how the CIE LCh color 85, 107.757, 132.125 looks on a white background.

Color Contrast Check

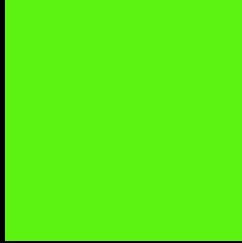
Large Text (above 18pt) WCAG AA × Fail

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 85, 107.757, 132.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

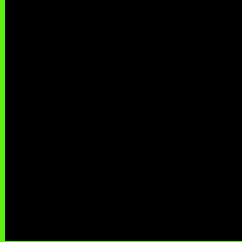
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 107.757, 132.125

Background



This preview shows how black text looks on a background with the CIELCh color 85, 107.757, 132.125.

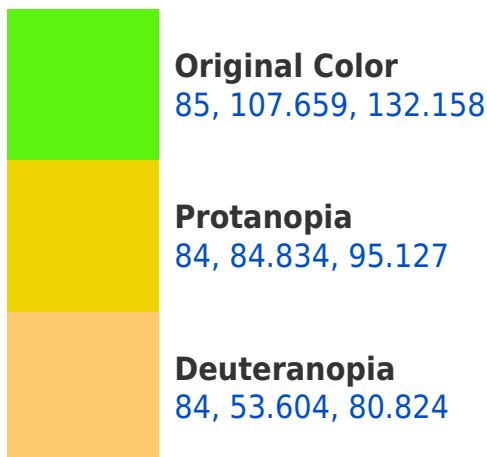


This preview shows how white text looks on a background with the CIELCh color 85, 107.757, 132.125.

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](#).

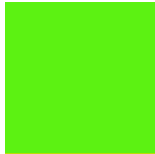
Dichromacy





Tritanopia
85, 28.673, 217.194

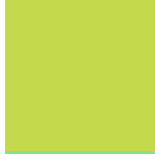
Trichromacy



Original Color
85, 107.659, 132.158



Protanomaly
83, 88.529, 113.310

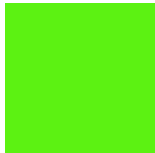


Deuteranomaly
83, 69.300, 111.578

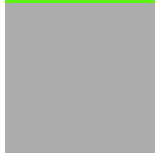


Tritanomaly
84, 53.530, 152.894

Monochromacy



Original Color
85, 107.659, 132.158



Achromatopsia
70, 0.009, 296.813



Achromatomaly
75, 48.318, 132.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 107.757, 132.125 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(92, 242, 18)` looks like.

```
.text, #text, p{  
    color:rgb(92, 242, 18)  
}
```

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(92, 242, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 242, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 107.757, 132.125 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(92, 242, 18) }
```

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

```
.border{ border-color:rgb(92, 242, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 242, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 242, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 242, 18);  
box-shadow:4px 4px 4px 4px rgb(92, 242,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 107.757, 132.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 242, 18) }
```

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

```
.background{ background-color: rgb(92, 242,  
18) }
```

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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