

Converting Colors

CIELCh(85, 92.492, 145.673)

Have a look what the booklet for
CIELCh(85, 92.492, 145.673)
contains.

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Color

CIELCh(85, 92.216, 145.766)

Conversions

Conversions Part 1

Format	Color
Hex	08F46B
RGB	8, 244, 107
RGB Percent	3%, 96%, 42%
CMY	0.9688, 0.0419, 0.5793
CMYK	0.97, 0.00, 0.56, 0.04
HSL	145°, 94%, 49%
HSV	145°, 97%, 96%
XYZ	35.2123, 66.0070, 24.8725
YIQ	157.8180, -96.6790, -92.6390

Conversions

Conversions Part 2

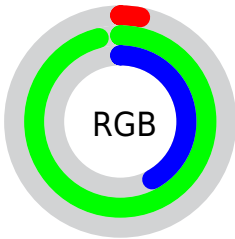
Format	Color
RYB	8, 174, 244
Decimal	586859
CIELab	85.00, -76.24, 51.88
CIELCh	85, 92.216, 145.766
Yxy	66.0070, 0.2793, 0.5235
Android (android.graphics.Color)	4278776939 (0xFF08F46B)
YUV	157.8180, -25.0533, -131.3904
Hunter-Lab	81.2447, -64.8144, 38.7201

Details

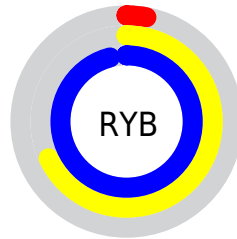
The CIELCh color **85, 92.216, 145.766** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **53, 83.542, 354.235**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 67.336, 150.026**, and **66, 84.553, 140.688** is the 20% darker color. If you saturate the color by 10%, you get **85, 94.011, 145.061**, and if you desaturate by 10%, it is **85, 86.226, 147.968**.

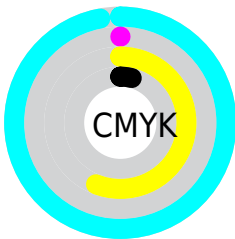
Distribution



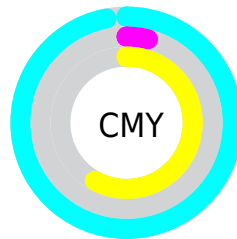
- Red (3%)
- Green (96%)
- Blue (42%)



- Red (3%)
- Yellow (68%)
- Blue (96%)



- Cyan (97%)
- Magenta (0%)
- Yellow (56%)
- Black (4%)





- Cyan (97%)
- Magenta (4%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 92.216, 145.766 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, 92.216, 145.766 by changing the saturation by 10% instead.


 85, 92.216,
145.766


 85, 92.216,
145.766


 100, 92.216,
145.766


 75, 92.216,
145.766

 65, 92.216,
145.766

 55, 92.216,
145.766

 45, 92.216,
145.766

 35, 92.216,
145.766

 25, 92.216,
145.766

 15, 92.216,

145.766

■ 5, 92.216, 145.766

■ 0, 92.216, 145.766

■ 85, 92.216,
145.766

■ 85, 92.216,
145.766

■ 85, 94.011,
145.061

■ 85, 86.226,
147.968

■ 86, 79.173,
150.011

■ 86, 71.045,
151.852

■ 87, 61.925,
153.483

■ 88, 51.967,

154.914

■ 90, 41.364,
156.166

■ 91, 30.318,
157.265

■ 93, 19.022,
158.237

■ 95, 7.642, 159.125

Harmonies

Complementary

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



85, 92.216, 145.766



53, 83.542, 354.235

Rectangle

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



85, 92.216, 145.766



85, 92.216, 195.766



85, 92.216, 325.766



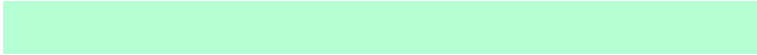
85, 92.216, 15.766

Sweetspot

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



85, 92.216, 145.766



94, 34.000, 157.022



87, 101.970, 124.911



50, 23.263, 156.556



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, 92.216, 145.766



88, 97.225, 145.007



87, 52.072, 184.586



50, 6.460, 158.884



66, 75.980, 145.468



21, 31.363, 148.974

Inverse Universe

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



53, 83.542, 354.235



55, 86.382, 355.402



51, 95.754, 36.234



48, 6.519, 340.289



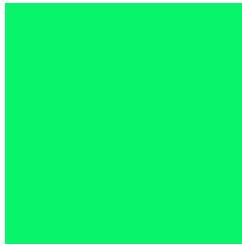
40, 68.400, 354.682



9, 31.197, 349.942

Previews

White Background



This preview shows how the CIE LCh color 85, 92.216, 145.766 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 85, 92.216, 145.766 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, 92.216, 145.766

Background



This preview shows how black text looks on a background with the CIELCh color 85, 92.216, 145.766.

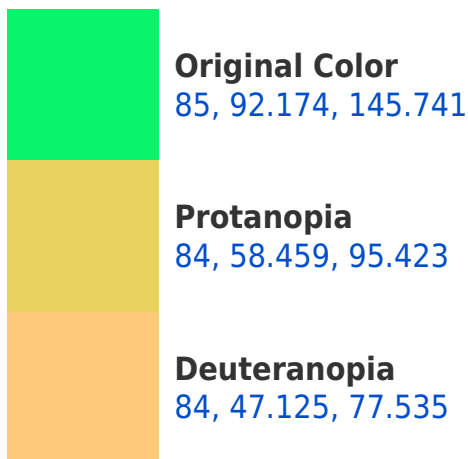


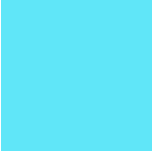
This preview shows how white text looks on a background with the CIELCh color 85, 92.216, 145.766.

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, 36.898, 212.217

Trichromacy



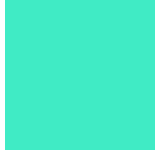
Original Color
85, 92.174, 145.741



Protanomaly
82, 67.421, 129.357



Deuteranomaly
81, 55.212, 127.625



Tritanomaly
84, 51.914, 173.234

Monochromacy



Original Color
85, 92.174, 145.741



Achromatopsia
65, 0.008, 296.813



Achromatomaly
70, 40.849, 155.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 92.216, 145.766 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(8, 244, 107)` looks like.

```
.text, #text, p{  
    color:rgb(8, 244, 107)  
}
```

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(8, 244, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 244, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 92.216, 145.766 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(8, 244, 107) }
```

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

```
.border{ border-color:rgb(8, 244, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 244, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 244, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 244, 107);  
box-shadow:4px 4px 4px 4px rgb(8, 244,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 92.216, 145.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 244, 107) }
```

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

```
.background{ background-color: rgb(8, 244,  
107) }
```

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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