

Converting Colors

CIELCh(86, 92.147, 136.549)

Have a look what the booklet for
CIELCh(86, 92.147, 136.549)
contains.

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Color

CIELCh(86, 92.161, 136.545)

Conversions

Conversions Part 1

Format	Color
Hex	67F454
RGB	103, 244, 84
RGB Percent	40%, 96%, 33%
CMY	0.5976, 0.0445, 0.6719
CMYK	0.58, 0.00, 0.66, 0.04
HSL	113°, 88%, 64%
HSV	113°, 66%, 96%
XYZ	39.3818, 67.9871, 19.3660
YIQ	183.6010, -32.6760, -79.6520

Conversions

Conversions Part 2

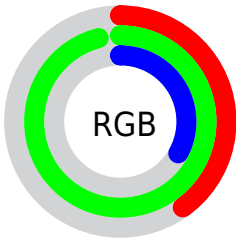
Format	Color
RYB	84, 244, 225
Decimal	6812756
CIELab	86.00, -66.90, 63.39
CIELCh	86, 92.161, 136.545
Yxy	67.9871, 0.3107, 0.5365
Android (android.graphics.Color)	4285002836 (0xFF67F454)
YUV	183.6010, -49.1033, -70.6871
Hunter-Lab	82.4543, -59.0398, 43.7926

Details

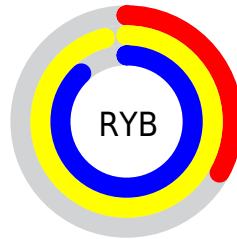
The CIELCh color **86, 92.161, 136.545** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **61, 92.352, 323.891**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 66.404, 135.506**, and **66, 91.929, 136.550** is the 20% darker color. If you saturate the color by 10%, you get **85, 102.122, 135.882**, and if you desaturate by 10%, it is **87, 80.221, 137.352**.

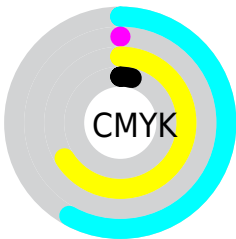
Distribution



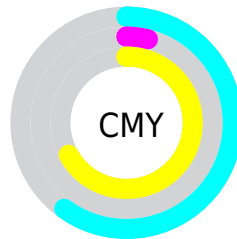
- Red (40%)
- Green (96%)
- Blue (33%)



- Red (33%)
- Yellow (96%)
- Blue (88%)



- Cyan (58%)
- Magenta (0%)
- Yellow (66%)
- Black (4%)





- Cyan (60%)
- Magenta (4%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 92.161, 136.545 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, 92.161, 136.545 by changing the saturation by 10% instead.


 86, 92.161,
136.545


 86, 92.161,
136.545


 100, 92.161,
136.545


 76, 92.161,
136.545

 66, 92.161,
136.545

 56, 92.161,
136.545

 46, 92.161,
136.545

 36, 92.161,
136.545

 26, 92.161,
136.545

 16, 92.161,


136.545


 6, 92.161, 136.545


 0, 92.161, 136.545


 86, 92.161,
136.545


 86, 92.161,
136.545

 85, 102.122,
135.882


 87, 80.221,
137.352


 85, 109.470,
135.497

 88, 66.909,
138.190

 84, 113.804,
135.490

 89, 52.723,
138.992

 84, 114.958,
135.534

 91, 38.050,
139.721

 93, 23.180,

140.368

 95, 8.328, 140.946

 97, 6.351, 321.349

 97, 7.066, 324.644

Harmonies

Complementary

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



86, 92.161, 136.545



61, 92.352, 323.891

Rectangle

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



86, 92.161, 136.545



86, 92.161, 186.545



86, 92.161, 316.545



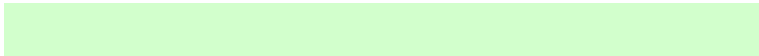
86, 92.161, 6.545

Sweetspot

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



86, 92.161, 136.546



96, 30.756, 140.095



88, 68.485, 96.810



51, 20.992, 139.910



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, 92.161, 136.546



89, 108.728, 135.708



86, 73.238, 149.754



50, 8.417, 140.729



66, 93.800, 135.432



21, 40.118, 135.618

Inverse Universe

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



61, 92.352, 323.891



59, 107.989, 324.006



61, 73.367, 343.504



48, 8.449, 321.629



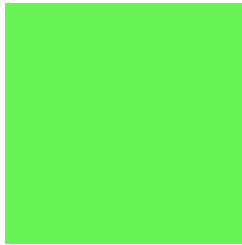
40, 92.013, 323.663



9, 40.845, 324.250

Previews

White Background



This preview shows how the CIELCh color 86, 92.161, 136.545 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, 92.161, 136.545 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, 92.161, 136.545

Background



This preview shows how black text looks on a background with the CIELCh color 86, 92.161, 136.545.

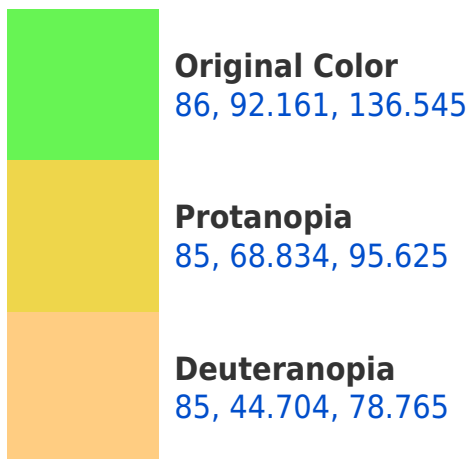


This preview shows how white text looks on a background with the CIELCh color 86, 92.161, 136.545.

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](#).

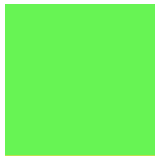
Dichromacy





Tritanopia
86, 28.230, 217.497

Trichromacy



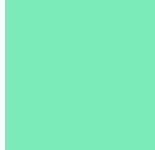
Original Color
86, 92.161, 136.545



Protanomaly
85, 72.706, 116.031



Deuteranomaly
84, 54.216, 113.831

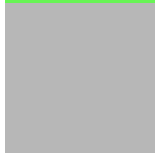


Tritanomaly
85, 44.130, 162.558

Monochromacy



Original Color
86, 92.161, 136.545



Achromatopsia
74, 0.009, 296.813



Achromatomaly
78, 36.428, 139.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 92.161, 136.545 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(103, 244, 84)` looks like.

```
.text, #text, p{  
    color:rgb(103, 244, 84)  
}
```

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(103, 244, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 244, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 92.161, 136.545 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(103, 244, 84) }
```

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

```
.border{ border-color:rgb(103, 244, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 244, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 244, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 244, 84);  
box-shadow:4px 4px 4px 4px rgb(103, 244,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 92.161, 136.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 244, 84) }
```

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

```
.background{ background-color: rgb(103,  
244, 84) }
```

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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