

Converting Colors

CIELCh(86, 67.541, 151.742)

Have a look what the booklet for
CIELCh(86, 67.541, 151.742)
contains.

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Color

CIELCh(86, 67.477, 151.768)

Conversions

Conversions Part 1

Format	Color
Hex	5CF298
RGB	92, 242, 152
RGB Percent	36%, 95%, 60%
CMY	0.6396, 0.0513, 0.4042
CMYK	0.62, 0.00, 0.37, 0.05
HSL	144°, 85%, 65%
HSV	144°, 62%, 95%
XYZ	41.7910, 67.9871, 40.5917
YIQ	186.8900, -60.5100, -59.7900

Conversions

Conversions Part 2

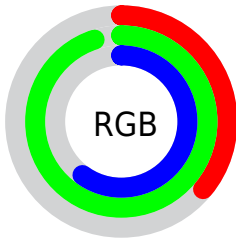
Format	Color
R_{YB}	92, 199, 242
Decimal	6091416
CIE _{Lab}	86.00, -59.45, 31.92
CIE _{LCh}	86, 67.477, 151.768
Yxy	67.9871, 0.2779, 0.4521
Android (android.graphics.Color)	4284281496 (0xFF5CF298)
YUV	186.8900, -17.2008, -83.2185
Hunter-Lab	82.4543, -53.8244, 28.5299

Details

The CIELCh color **86, 67.477, 151.768** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **62, 68.609, 344.900**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 42.015, 160.794**, and **66, 67.031, 151.274** is the 20% darker color. If you saturate the color by 10%, you get **85, 76.205, 150.039**, and if you desaturate by 10%, it is **87, 57.821, 153.292**.

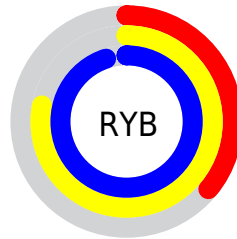
Distribution



Red (36%)

Green (95%)

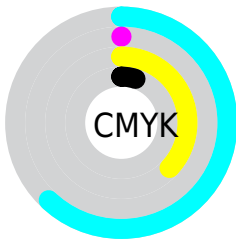
Blue (60%)



Red (36%)

Yellow (78%)

Blue (95%)

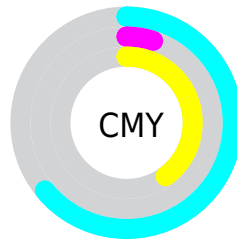


Cyan (62%)

Magenta (0%)

Yellow (37%)

Black (5%)



Cyan (64%)

Magenta (5%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 67.477, 151.768 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, 67.477, 151.768 by changing the saturation by 10% instead.

 86, 67.477,
151.768

 86, 67.477,
151.768


 100, 67.477,
151.768

 76, 67.477,
151.768

 66, 67.477,
151.768

 56, 67.477,
151.768

 46, 67.477,
151.768

 36, 67.477,
151.768

 26, 67.477,
151.768

 16, 67.477,

151.768

■ 6, 67.477, 151.768

■ 0, 67.477, 151.768

■ 86, 67.477,
151.768

■ 86, 67.477,
151.768

■ 85, 76.205,
150.039

■ 87, 57.821,
153.292

■ 85, 83.873,
148.104

■ 88, 47.417,
154.625

■ 84, 90.436,
145.991

■ 90, 36.469,
155.791

■ 84, 94.978,
144.258


■ 91, 25.181,
156.814

■ 93, 13.735,

157.724

 95, 2.283, 158.674

 97, 7.539, 327.945

 97, 8.152, 324.687

Harmonies

Complementary

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



86, 67.477, 151.768



62, 68.609, 344.900

Rectangle

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



86, 67.477, 151.768



86, 67.477, 201.768



86, 67.477, 331.768



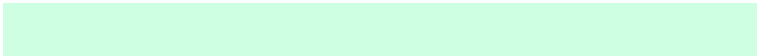
86, 67.477, 21.768

Sweetspot

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



86, 67.478, 151.768



96, 22.694, 157.093



89, 76.413, 122.652



51, 15.613, 156.822



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, 67.478, 151.768



89, 81.157, 149.630



88, 43.271, 186.089



49, 6.445, 157.943



65, 76.532, 144.669



20, 30.884, 148.338

Inverse Universe

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



62, 68.609, 344.900



60, 80.508, 346.950



59, 62.828, 21.081



47, 6.498, 339.319



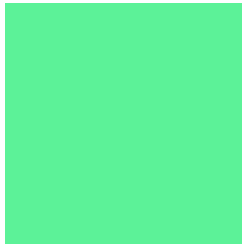
40, 68.285, 352.888



9, 30.657, 348.285

Previews

White Background



This preview shows how the CIE LCh color 86, 67.477, 151.768 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, 67.477, 151.768 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, 67.477, 151.768

Background



This preview shows how black text looks on a background with the CIELCh color 86, 67.477, 151.768.

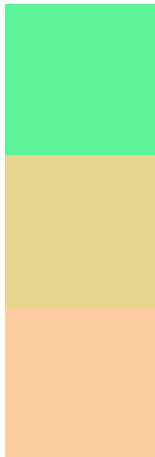


This preview shows how white text looks on a background with the CIELCh color 86, 67.477, 151.768.

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](#).

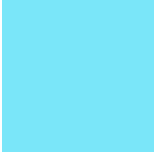
Dichromacy



Original Color
86, 67.477, 151.768

Protanopia
85, 38.617, 95.270

Deuteranopia
85, 30.305, 70.293

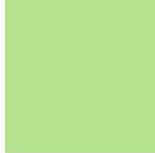


Tritanopia
86, 32.189, 215.750

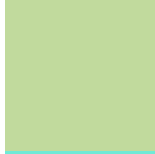
Trichromacy



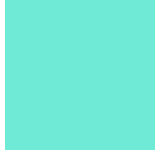
Original Color
86, 67.477, 151.768



Protanomaly
85, 44.493, 128.711



Deuteranomaly
84, 33.166, 124.457

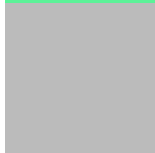


Tritanomaly
86, 39.207, 181.152

Monochromacy



Original Color
86, 67.477, 151.768



Achromatopsia
76, 0.009, 296.813



Achromatomaly
79, 26.755, 156.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 67.477, 151.768 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(92, 242, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 242, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 67.477, 151.768 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, 152) }
```

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

```
.border{ border-color:rgb(92, 242, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 242, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 242, 152);  
box-shadow:4px 4px 4px 4px rgb(92, 242,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 67.477, 151.768 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, 152) }
```

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

```
.background{ background-color: rgb(92, 242,  
152) }
```

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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