

Converting Colors

CIELCh(86, 66.683, 157.752)

Have a look what the booklet for
CIELCh(86, 66.683, 157.752)
contains.

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Color

CIELCh(86, 66.630, 157.817)

Conversions

Conversions Part 1

Format	Color
Hex	41F3A5
RGB	65, 243, 165
RGB Percent	25%, 95%, 65%
CMY	0.7447, 0.0468, 0.3527
CMYK	0.73, 0.00, 0.32, 0.05
HSL	154°, 88%, 60%
HSV	154°, 73%, 95%
XYZ	41.0540, 67.9871, 46.5856
YIQ	180.8860, -81.0500, -61.9940

Conversions

Conversions Part 2

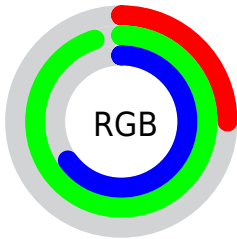
Format	Color
RYB	65, 179, 243
Decimal	4322213
CIELab	86.00, -61.70, 25.16
CIELCh	86, 66.630, 157.817
Yxy	67.9871, 0.2638, 0.4369
Android (android.graphics.Color)	4282512293 (0xFF41F3A5)
YUV	180.8860, -7.8318, -101.6320
Hunter-Lab	82.4543, -55.4199, 24.2199

Details

The CIELCh color **86, 66.630, 157.817** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **57, 72.049, 358.231**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 42.211, 171.346**, and **67, 62.397, 155.242** is the 20% darker color. If you saturate the color by 10%, you get **85, 72.760, 155.811**, and if you desaturate by 10%, it is **87, 59.530, 159.605**.

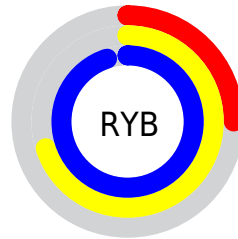
Distribution



Red (25%)

Green (95%)

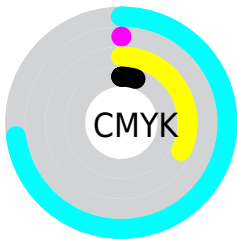
Blue (65%)



Red (25%)

Yellow (70%)

Blue (95%)

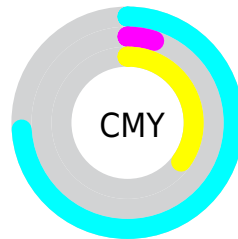


Cyan (73%)

Magenta (0%)

Yellow (32%)

Black (5%)



Cyan (74%)


Magenta (5%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 66.630, 157.817 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, 66.630, 157.817 by changing the saturation by 10% instead.


 86, 66.630,
157.817


 86, 66.630,
157.817


 100, 66.630,
157.817


 76, 66.630,
157.817

 66, 66.630,
157.817

 56, 66.630,
157.817

 46, 66.630,
157.817

 36, 66.630,
157.817

 26, 66.630,
157.817

 16, 66.630,

157.817

■ 6, 66.630, 157.817

■ 0, 66.630, 157.817

■ 86, 66.630,
157.817

■ 86, 66.630,
157.817

■ 85, 72.760,
155.811

■ 87, 59.530,
159.605

■ 85, 77.943,
153.598

■ 88, 51.527,
161.188


■ 85, 81.044,
152.035

■ 89, 42.752,
162.590

■ 90, 33.370,
163.836

■ 92, 23.556,

164.952

 93, 13.477,
165.967

 95, 3.279, 166.989

 97, 5.623, 338.635

 97, 7.431, 324.659

Harmonies

Complementary

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



86, 66.630, 157.817



57, 72.049, 358.231

Rectangle

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



86, 66.630, 157.817



86, 66.630, 207.817



86, 66.630, 337.817



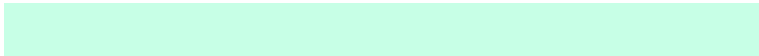
86, 66.630, 27.817

Sweetspot

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



86, 66.631, 157.817



96, 23.224, 165.074



87, 91.262, 128.008



51, 15.573, 164.785



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, 66.631, 157.817



89, 78.257, 154.727



85, 42.189, 203.193



50, 5.832, 166.330



67, 65.803, 152.454



21, 27.366, 156.025

Inverse Universe

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



57, 72.049, 358.231



56, 81.927, 3.456



56, 76.624, 33.765



48, 5.929, 347.909



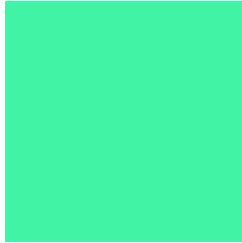
40, 66.664, 7.973



9, 29.810, 0.835

Previews

White Background



This preview shows how the CIE LCh color 86, 66.630, 157.817 looks on a white background.

Color Contrast Check

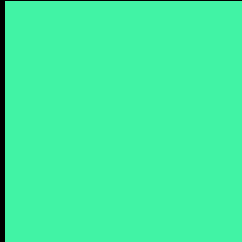
Large Text (above 18pt) WCAG AA × Fail

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, 66.630, 157.817 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

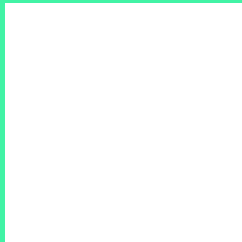
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 66.630, 157.817

Background



This preview shows how black text looks on a background with the CIELCh color 86, 66.630, 157.817.

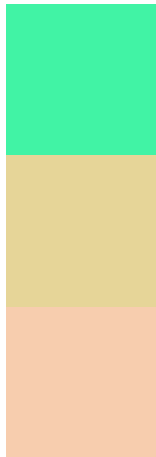


This preview shows how white text looks on a background with the CIELCh color 86, 66.630, 157.817.

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](#).

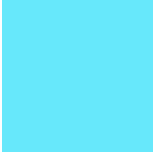
Dichromacy



Original Color
86, 66.630, 157.817

Protanopia
85, 32.459, 95.238

Deuteranopia
85, 23.422, 63.622



Tritanopia
86, 36.146, 213.454

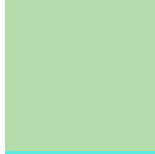
Trichromacy



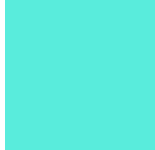
Original Color
86, 66.630, 157.817



Protanomaly
84, 40.425, 137.394



Deuteranomaly
84, 28.964, 137.474



Tritanomaly
86, 42.823, 185.183

Monochromacy



Original Color
86, 66.630, 157.817



Achromatopsia
74, 0.009, 296.813



Achromatomaly
77, 27.993, 163.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 66.630, 157.817 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(65, 243, 165)` looks like.

```
.text, #text, p{  
    color:rgb(65, 243, 165)  
}
```

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(65, 243, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 243, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 66.630, 157.817 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(65, 243, 165) }
```

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

```
.border{ border-color:rgb(65, 243, 165) }
```

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

Here you see how a box with a 4 pixel rgb(65, 243, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 243, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 243, 165);  
box-shadow:4px 4px 4px 4px rgb(65, 243,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 66.630, 157.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 243, 165) }
```

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

```
.background{ background-color: rgb(65, 243,  
165) }
```

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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