

Converting Colors

CIELCh(86, 65.124, 155.732)

Have a look what the booklet for
CIELCh(86, 65.124, 155.732)
contains.

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Color

CIELCh(86, 65.124, 155.778)

Conversions

Conversions Part 1

Format	Color
Hex	52F2A2
RGB	82, 242, 162
RGB Percent	32%, 95%, 64%
CMY	0.6779, 0.0505, 0.3643
CMYK	0.66, 0.00, 0.33, 0.05
HSL	150°, 86%, 64%
HSV	150°, 66%, 95%
XYZ	41.8105, 67.9871, 45.1526
YIQ	185.0400, -69.6800, -58.8000

Conversions

Conversions Part 2

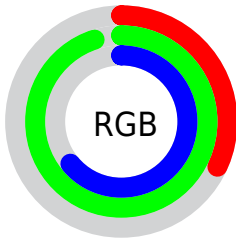
Format	Color
R_{YB}	82, 189, 242
Decimal	5436066
CIE _{Lab}	86.00, -59.39, 26.72
CIE _{LCh}	86, 65.124, 155.778
Yxy	67.9871, 0.2698, 0.4388
Android (android.graphics.Color)	4283626146 (0xFF52F2A2)
YUV	185.0400, -11.3587, -90.3661
Hunter-Lab	82.4543, -53.7821, 25.2504

Details

The CIELCh color **86, 65.124, 155.778** 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 **59, 68.449, 351.961**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 40.606, 167.964**, and **66, 63.080, 154.435** is the 20% darker color. If you saturate the color by 10%, you get **85, 72.538, 153.926**, and if you desaturate by 10%, it is **87, 56.775, 157.416**.

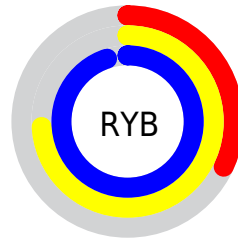
Distribution



Red (32%)

Green (95%)

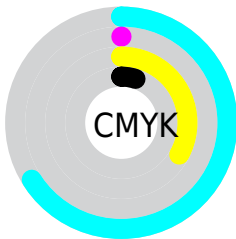
Blue (64%)



Red (32%)

Yellow (74%)

Blue (95%)

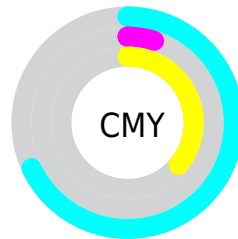


Cyan (66%)

Magenta (0%)

Yellow (33%)

Black (5%)



Cyan (68%)


Magenta (5%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 65.124, 155.778 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, 65.124, 155.778 by changing the saturation by 10% instead.


 86, 65.124,
155.778


 86, 65.124,
155.778


 100, 65.124,
155.778


 76, 65.124,
155.778

 66, 65.124,
155.778

 56, 65.124,
155.778

 46, 65.124,
155.778

 36, 65.124,
155.778

 26, 65.124,
155.778

 16, 65.124,

155.778

■ 6, 65.124, 155.778

■ 0, 65.124, 155.778

■ 86, 65.124,
155.778

■ 86, 65.124,
155.778

■ 85, 72.538,
153.926

■ 87, 56.775,
157.416

■ 85, 78.955,
151.859

■ 88, 47.620,
158.860

■ 85, 84.413,
149.603

■ 89, 37.831,
160.132

■ 84, 86.383,
148.714

■ 91, 27.591,
161.260

■ 92, 17.078,

162.270

■ 94, 6.449, 163.213

■ 96, 4.169, 343.839

■ 97, 8.024, 324.682

Harmonies

Complementary

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



86, 65.124, 155.778



59, 68.449, 351.961

Rectangle

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



86, 65.124, 155.778



86, 65.124, 205.778



86, 65.124, 335.778



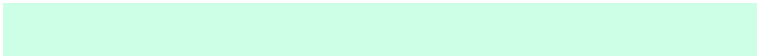
86, 65.124, 25.778

Sweetspot

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



86, 65.125, 155.778



96, 22.140, 161.880



88, 82.426, 125.730



51, 15.087, 161.595



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, 65.125, 155.778



89, 77.654, 153.298



88, 42.693, 194.810



49, 5.990, 162.892



66, 69.571, 149.148



20, 28.177, 152.923

Inverse Universe

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



59, 68.449, 351.961



58, 79.603, 355.207



58, 69.563, 28.284



47, 6.067, 344.395



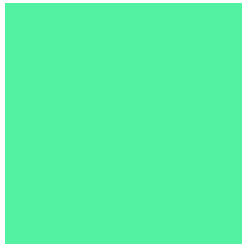
39, 66.221, 1.965



8, 29.446, 355.552

Previews

White Background



This preview shows how the CIE LCh color 86, 65.124, 155.778 looks on a white background.

Color Contrast Check

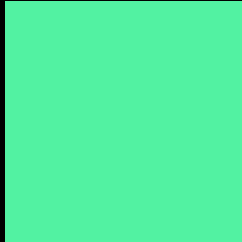
Large Text (above 18pt) WCAG AA × Fail

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, 65.124, 155.778 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, 65.124, 155.778

Background



This preview shows how black text looks on a background with the CIELCh color 86, 65.124, 155.778.

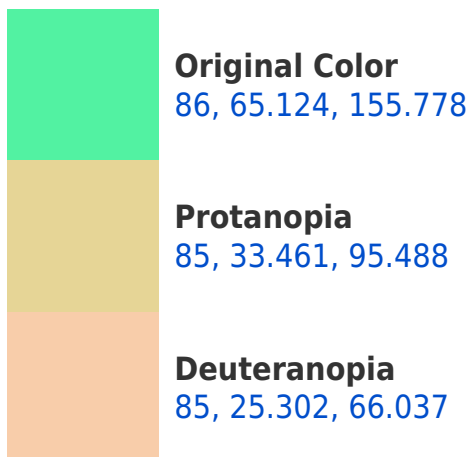


This preview shows how white text looks on a background with the CIELCh color 86, 65.124, 155.778.

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, 33.964, 214.657

Trichromacy



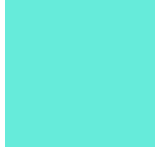
Original Color
86, 65.124, 155.778



Protanomaly
84, 40.692, 133.788



Deuteranomaly
84, 29.016, 131.047

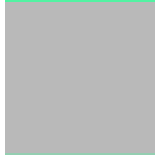


Tritanomaly
86, 40.534, 183.905

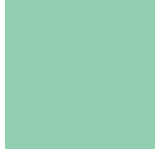
Monochromacy



Original Color
86, 65.124, 155.778



Achromatopsia
75, 0.009, 296.813



Achromatomaly
78, 26.097, 161.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 65.124, 155.778 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(82, 242, 162)` looks like.

```
.text, #text, p{  
    color:rgb(82, 242, 162)  
}
```

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(82, 242, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 242, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 65.124, 155.778 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(82, 242, 162) }
```

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

```
.border{ border-color:rgb(82, 242, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 242, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 242, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 242, 162);  
box-shadow:4px 4px 4px 4px rgb(82, 242,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 65.124, 155.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 242, 162) }
```

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

```
.background{ background-color: rgb(82, 242,  
162) }
```

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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