

Converting Colors

CIELCh(86, 117.758, 135.901)

Have a look what the booklet for
CIELCh(86, 117.758, 135.901)
contains.

CIELCh(86, 117.525, 135.947)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(86, 117.525, 135.947)

Conversions

Conversions Part 1

Format	Color
Hex	08F901
RGB	8, 249, 1
RGB Percent	3%, 98%, 0%
CMY	0.9683, 0.0224, 0.9958
CMYK	0.97, 0.00, 1.00, 0.02
HSL	118°, 99%, 49%
HSV	118°, 100%, 98%
XYZ	34.0731, 67.9871, 11.3567
YIQ	148.6690, -64.0280, -128.2200

Conversions

Conversions Part 2

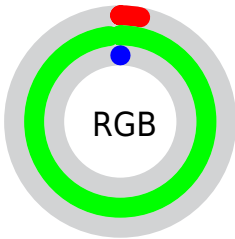
Format	Color
R_{YB}	1, 249, 242
Decimal	588033
CIE _{Lab}	86.00, -84.46, 81.72
CIE _{LCh}	86, 117.525, 135.947
Yxy	67.9871, 0.3004, 0.5994
Android (android.graphics.Color)	4278778113 (0xFF08F901)
YUV	148.6690, -72.8008, -123.3667
Hunter-Lab	82.4543, -70.5323, 49.5518

Details

The CIELCh color **86, 117.525, 135.947** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **58, 113.679, 327.102**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 92.759, 135.578**, and **67, 96.381, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **86, 117.612, 135.936**, and if you desaturate by 10%, it is **86, 114.718, 136.213**.

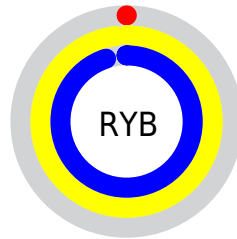
Distribution



Red (3%)

Green (98%)

Blue (0%)



Red (0%)

Yellow (98%)

Blue (95%)

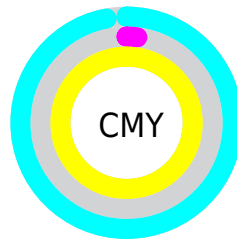


Cyan (97%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (97%)


Magenta (2%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 117.525, 135.947 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, 117.525, 135.947 by changing the saturation by 10% instead.


 86, 117.525,
135.947


 86, 117.525,
135.947


 100, 117.525,
135.947


 76, 117.525,
135.947


 66, 117.525,
135.947

 56, 117.525,
135.947

 46, 117.525,
135.947

 36, 117.525,
135.947

 26, 117.525,
135.947

 16, 117.525,

135.947

■ 6, 117.525,
135.947

■ 0, 117.525,
135.947

■ 86, 117.525,
135.947

■ 86, 117.525,
135.947

■ 86, 117.612,
135.936

■ 86, 114.718,
136.213

■ 87, 108.886,
136.803

■ 87, 100.015,
137.691

■ 88, 88.672,
138.730

■ 89, 75.507,
139.792

■ 90, 61.106,
140.793

■ 92, 45.951,
141.693

■ 94, 30.421,
142.480

■ 96, 14.810,
143.161

Harmonies

Complementary

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



86, 117.525, 135.947



58, 113.679, 327.102

Rectangle

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



86, 117.525, 135.947



86, 117.525, 185.947



86, 117.525, 315.947



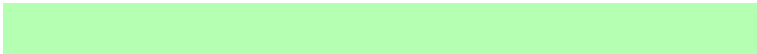
86, 117.525, 5.947

Sweetspot

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



86, 117.524, 135.948



94, 47.473, 141.654



93, 92.840, 100.683



49, 32.325, 141.285



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, 117.524, 135.948



88, 119.649, 135.938



87, 91.174, 147.168



51, 8.813, 143.166



67, 95.365, 135.902



21, 42.239, 136.653

Inverse Universe

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



58, 113.679, 327.102



59, 115.721, 327.099



54, 83.683, 359.511



49, 8.830, 324.175



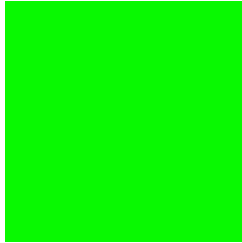
44, 92.277, 327.119



11, 41.742, 327.259

Previews

White Background



This preview shows how the CIELCh color 86, 117.525, 135.947 looks on a white background.

Color Contrast Check

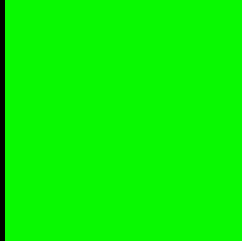
Large Text (above 18pt) WCAG AA × Fail

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, 117.525, 135.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

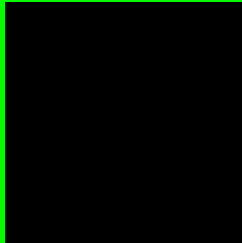
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

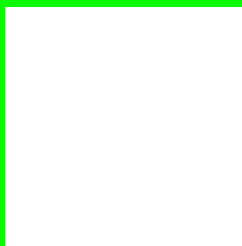
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 117.525, 135.947

Background



This preview shows how black text looks on a background with the CIELCh color 86, 117.525, 135.947.



This preview shows how white text looks on a background with the CIELCh color 86, 117.525, 135.947.

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

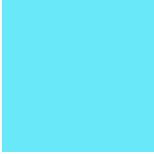
86, 117.423, 135.947

Protanopia

85, 85.488, 94.903

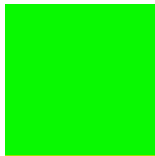
Deuteranopia

85, 48.353, 80.456



Tritanopia
86, 35.771, 212.751

Trichromacy



Original Color

86, 117.423, 135.947



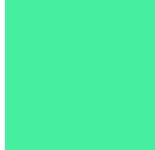
Protanomaly

83, 93.695, 120.538



Deuteranomaly

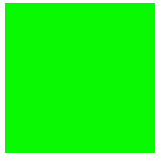
82, 73.475, 122.282



Tritanomaly

84, 65.770, 156.550

Monochromacy



Original Color

86, 117.423, 135.947



Achromatopsia

62, 0.008, 296.813



Achromatomaly

68, 58.253, 139.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 117.525, 135.947 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, 249, 1)` looks like.

```
.text, #text, p{  
    color:rgb(8, 249, 1)  
}
```

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, 249, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 249, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 117.525, 135.947 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, 249, 1) }
```

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

```
.border{ border-color:rgb(8, 249, 1) }
```

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

Here you see how a box with a 4 pixel rgb(8, 249, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 249, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 249, 1); box-shadow:4px  
4px 4px 4px rgb(8, 249, 1) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 117.525, 135.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 249, 1) }
```

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

```
.background{ background-color: rgb(8, 249,  
1) }
```

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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