

Converting Colors

CIELCh(86, 95.349, 144.843)

Have a look what the booklet for
CIELCh(86, 95.349, 144.843)
contains.

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Color

CIElCh(86, 95.486, 144.803)

Conversions

Conversions Part 1

Format	Color
Hex	02F867
RGB	2, 248, 103
RGB Percent	1%, 97%, 40%
CMY	0.9936, 0.0283, 0.5968
CMYK	0.99, 0.00, 0.59, 0.03
HSL	145°, 99%, 49%
HSV	145°, 99%, 97%
XYZ	35.9591, 67.9871, 24.0071
YIQ	157.9160, -100.0710, -97.2470

Conversions

Conversions Part 2

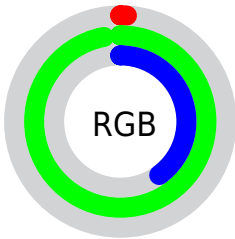
Format	Color
R_{YB}	2, 176, 248
Decimal	194663
CIE _{Lab}	86.00, -78.03, 55.04
CIE _{LCh}	86, 95.486, 144.803
Yxy	67.9871, 0.2810, 0.5313
Android (android.graphics.Color)	4278384743 (0xFF02F867)
YUV	157.9160, -27.0736, -136.7383
Hunter-Lab	82.4543, -66.4495, 40.4553

Details

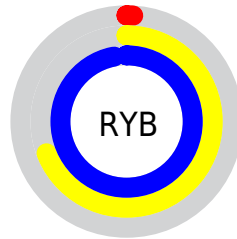
The CIELCh color **86, 95.486, 144.803** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **54, 84.828, 354.301**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 68.327, 149.074**, and **67, 87.762, 139.769** is the 20% darker color. If you saturate the color by 10%, you get **86, 95.851, 144.665**, and if you desaturate by 10%, it is **86, 89.614, 147.000**.

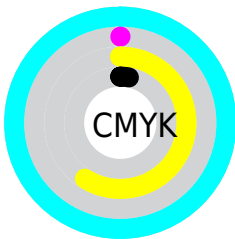
Distribution



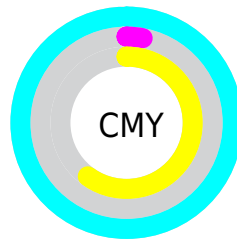
- Red (1%)
- Green (97%)
- Blue (40%)



- Red (1%)
- Yellow (69%)
- Blue (97%)



- Cyan (99%)
- Magenta (0%)
- Yellow (59%)
- Black (3%)





- Cyan (99%)
- Magenta (3%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 95.486, 144.803 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, 95.486, 144.803 by changing the saturation by 10% instead.


 86, 95.486,
144.803


 86, 95.486,
144.803


 100, 95.486,
144.803


 76, 95.486,
144.803

 66, 95.486,
144.803

 56, 95.486,
144.803

 46, 95.486,
144.803

 36, 95.486,
144.803

 26, 95.486,
144.803

 16, 95.486,

144.803

■ 6, 95.486, 144.803

■ 0, 95.486, 144.803

■ 86, 95.486,
144.803

■ 86, 95.486,
144.803

■ 86, 95.851,
144.665

■ 86, 89.614,
147.000

■ 87, 82.709,
149.085

■ 87, 74.694,
150.978

■ 88, 65.637,
152.661

■ 89, 55.680,

154.140

■ 90, 45.016,
155.434

■ 92, 33.850,
156.567

■ 94, 22.386,
157.565

■ 96, 10.799,
158.461

Harmonies

Complementary

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



86, 95.486, 144.803



54, 84.828, 354.301

Rectangle

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



86, 95.486, 144.803



86, 95.486, 194.803



86, 95.486, 324.803



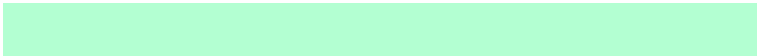
86, 95.486, 14.803

Sweetspot

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



86, 95.486, 144.803



94, 35.407, 156.492



89, 103.326, 124.565



50, 24.085, 156.028



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, 95.486, 144.803



88, 98.036, 144.629



88, 53.897, 182.117



51, 6.615, 158.448



67, 77.433, 145.064



22, 32.641, 148.377

Inverse Universe

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



54, 84.828, 354.301



56, 86.693, 354.568



52, 97.554, 36.416



49, 6.673, 339.845



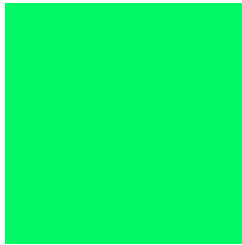
41, 69.342, 353.906



10, 32.156, 349.525

Previews

White Background



This preview shows how the CIE LCh color 86, 95.486, 144.803 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, 95.486, 144.803 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, 95.486, 144.803

Background



This preview shows how black text looks on a background with the CIELCh color 86, 95.486, 144.803.

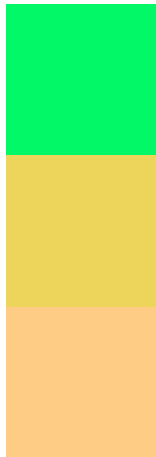


This preview shows how white text looks on a background with the CIELCh color 86, 95.486, 144.803.

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

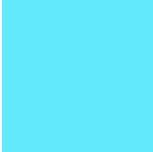
86, 95.506, 144.815

Protanopia

85, 61.523, 95.286

Deuteranopia

85, 43.147, 77.280



Tritanopia
86, 37.151, 212.077

Trichromacy



Original Color
86, 95.506, 144.815



Protanomaly
83, 71.160, 129.101



Deuteranomaly
82, 54.995, 129.790



Tritanomaly
85, 53.411, 172.071

Monochromacy



Original Color
86, 95.506, 144.815



Achromatopsia
65, 0.008, 296.813



Achromatomaly
71, 43.240, 154.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 95.486, 144.803 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(2, 248, 103)` looks like.

```
.text, #text, p{  
    color:rgb(2, 248, 103)  
}
```

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(2, 248, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 248, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 95.486, 144.803 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(2, 248, 103) }
```

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

```
.border{ border-color:rgb(2, 248, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 248, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 248, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 248, 103);  
box-shadow:4px 4px 4px 4px rgb(2, 248,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 95.486, 144.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 248, 103) }
```

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

```
.background{ background-color: rgb(2, 248,  
103) }
```

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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