

Converting Colors

CIELCh(86, 90.524, 145.710)

Have a look what the booklet for
CIELCh(86, 90.524, 145.710)
contains.

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Color

CIELCh(86, 90.622, 145.712)

Conversions

Conversions Part 1

Format	Color
Hex	26F770
RGB	38, 247, 112
RGB Percent	15%, 97%, 44%
CMY	0.8526, 0.0320, 0.5614
CMYK	0.85, 0.00, 0.55, 0.03
HSL	141°, 93%, 56%
HSV	141°, 85%, 97%
XYZ	36.9086, 67.9871, 26.4617
YIQ	169.1190, -81.2290, -86.2930

Conversions

Conversions Part 2

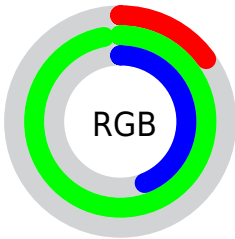
Format	Color
RYB	38, 192, 247
Decimal	2553712
CIELab	86.00, -74.87, 51.05
CIELCh	86, 90.622, 145.712
Yxy	67.9871, 0.2810, 0.5176
Android (android.graphics.Color)	4280743792 (0xFF26F770)
YUV	169.1190, -28.1597, -114.9914
Hunter-Lab	82.4543, -64.3939, 38.6903

Details

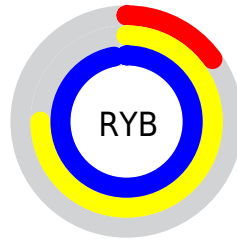
The CIELCh color **86, 90.622, 145.712** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **56, 85.269, 346.042**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 63.833, 150.232**, and **67, 84.001, 141.488** is the 20% darker color. If you saturate the color by 10%, you get **86, 97.185, 143.627**, and if you desaturate by 10%, it is **87, 82.841, 147.659**.

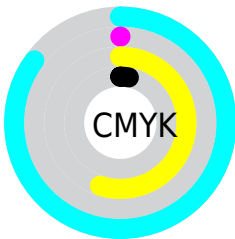
Distribution



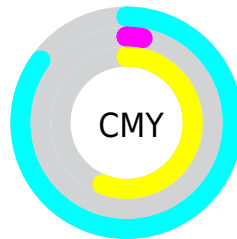
- Red (15%)
- Green (97%)
- Blue (44%)



- Red (15%)
- Yellow (75%)
- Blue (97%)



- Cyan (85%)
- Magenta (0%)
- Yellow (55%)
- Black (3%)





- Cyan (85%)
- Magenta (3%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 90.622, 145.712 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, 90.622, 145.712 by changing the saturation by 10% instead.


 86, 90.622,
145.712


 86, 90.622,
145.712


 100, 90.622,
145.712


 76, 90.622,
145.712

 66, 90.622,
145.712

 56, 90.622,
145.712

 46, 90.622,
145.712

 36, 90.622,
145.712


 26, 90.622,
145.712


 16, 90.622,


145.712


 6, 90.622, 145.712


 0, 90.622, 145.712


 86, 90.622,
145.712

 86, 90.622,
145.712

 86, 97.185,
143.627

 87, 82.841,
147.659

 86, 100.202,
142.547


 87, 73.891,
149.419


 88, 63.908,
150.977

 89, 53.084,
152.342

 91, 41.643,

153.531

 92, 29.804,
154.568

 94, 17.770,
155.479

 96, 5.710, 156.321

 98, 5.085, 324.558

Harmonies

Complementary

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



86, 90.622, 145.712



56, 85.269, 346.042

Rectangle

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



86, 90.622, 145.712



86, 90.622, 195.712



86, 90.622, 325.712



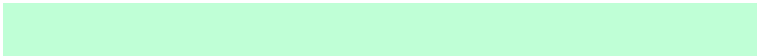
86, 90.622, 15.712

Sweetspot

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



86, 90.622, 145.712



95, 30.886, 154.541



90, 95.574, 120.997



50, 21.048, 154.190



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, 90.622, 145.712



88, 102.795, 142.508



88, 54.188, 178.266



50, 6.781, 155.923



66, 80.353, 142.942



21, 33.165, 146.320

Inverse Universe

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



56, 85.269, 346.042



56, 89.026, 349.698



54, 83.897, 26.373



48, 6.826, 337.246



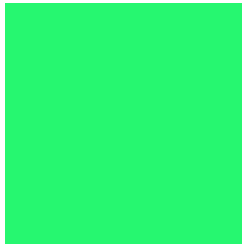
41, 70.534, 349.142



9, 32.233, 345.488

Previews

White Background



This preview shows how the CIE LCh color 86, 90.622, 145.712 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, 90.622, 145.712 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, 90.622, 145.712

Background



This preview shows how black text looks on a background with the CIELCh color 86, 90.622, 145.712.

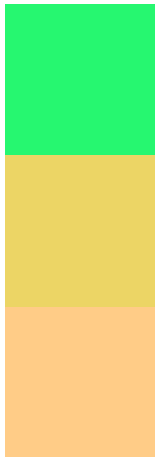


This preview shows how white text looks on a background with the CIELCh color 86, 90.622, 145.712.

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, 90.622, 145.712

Protanopia
85, 57.492, 95.448

Deuteranopia
85, 42.240, 76.743



Tritanopia
86, 36.316, 213.367

Trichromacy



Original Color
86, 90.622, 145.712



Protanomaly
83, 64.947, 126.923



Deuteranomaly
83, 50.775, 126.115



Tritanomaly
85, 49.969, 173.154

Monochromacy



Original Color
86, 90.622, 145.712



Achromatopsia
69, 0.009, 296.813



Achromatomaly
74, 38.361, 153.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 90.622, 145.712 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(38, 247, 112)` looks like.

```
.text, #text, p{  
    color:rgb(38, 247, 112)  
}
```

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(38, 247, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 247, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 90.622, 145.712 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(38, 247, 112) }
```

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

```
.border{ border-color:rgb(38, 247, 112) }
```

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

Here you see how a box with a 4 pixel rgb(38, 247, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 247, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 247, 112);  
box-shadow:4px 4px 4px 4px rgb(38, 247,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 90.622, 145.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 247, 112) }
```

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

```
.background{ background-color: rgb(38, 247,  
112) }
```

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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