

Converting Colors

CIELCh(86, 108.753, 139.407)

Have a look what the booklet for
CIELCh(86, 108.753, 139.407)
contains.

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Color

CIELCh(86, 108.566, 139.364)

Conversions

Conversions Part 1

Format	Color
Hex	00F93E
RGB	0, 249, 62
RGB Percent	0%, 98%, 24%
CMY	1.0000, 0.0242, 0.7575
CMYK	1.00, 0.00, 0.75, 0.02
HSL	135°, 100%, 49%
HSV	135°, 100%, 98%
XYZ	34.6747, 67.9871, 15.8271
YIQ	153.2310, -88.3770, -110.9450

Conversions

Conversions Part 2

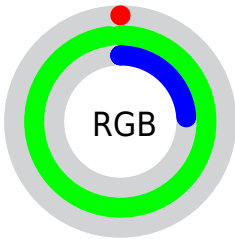
Format	Color
RYB	0, 199, 249
Decimal	63806
CIELab	86.00, -82.39, 70.70
CIELCh	86, 108.566, 139.364
Yxy	67.9871, 0.2926, 0.5738
Android (android.graphics.Color)	4278253886 (0xFF00F93E)
YUV	153.2310, -44.9769, -134.3836
Hunter-Lab	82.4543, -69.2300, 46.3373

Details

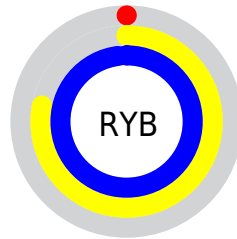
The CIELCh color **86, 108.566, 139.364** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **56, 93.498, 341.566**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 82.288, 140.546**, and **67, 96.381, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **86, 108.544, 139.351**, and if you desaturate by 10%, it is **86, 102.661, 141.113**.

Distribution



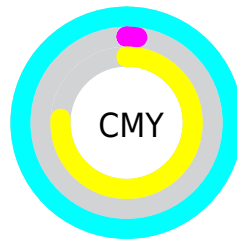
- Red (0%)
- Green (98%)
- Blue (24%)



- Red (0%)
- Yellow (78%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (2%)





- Cyan (100%)
- Magenta (2%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 108.566, 139.364 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, 108.566, 139.364 by changing the saturation by 10% instead.


 86, 108.566,
139.364


 86, 108.566,
139.364


 100, 108.566,
139.364


 76, 108.566,
139.364


 66, 108.566,
139.364

 56, 108.566,
139.364

 46, 108.566,
139.364

 36, 108.566,
139.364

 26, 108.566,
139.364

 16, 108.566,

139.364

■ 6, 108.566,
139.364

■ 0, 108.566,
139.364

■ 86, 108.566,
139.364

■ 86, 108.566,
139.364

■ 86, 108.544,
139.351

■ 86, 102.661,
141.113

■ 87, 95.184,
142.928

■ 87, 86.176,
144.653

■ 88, 75.831,
146.227

■ 89, 64.397,
147.626

■ 90, 52.146,
148.848

■ 92, 39.350,
149.907

■ 94, 26.259,
150.825

■ 96, 13.083,
151.627

Harmonies

Complementary

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



86, 108.566, 139.364



56, 93.498, 341.566

Rectangle

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



86, 108.566, 139.364



86, 108.566, 189.364



86, 108.566, 319.364



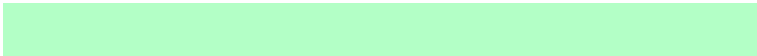
86, 108.566, 9.364

Sweetspot

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



86, 108.544, 139.351



94, 40.137, 149.904



91, 98.558, 116.729



49, 27.331, 149.475



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, 108.544, 139.351



88, 110.637, 139.327



88, 66.888, 164.191



51, 7.460, 151.666



67, 87.515, 139.671



22, 37.085, 142.511

Inverse Universe

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



56, 93.498, 341.566



57, 95.226, 341.588



52, 88.257, 25.212



49, 7.490, 332.874



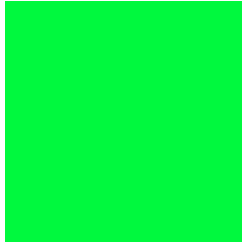
42, 76.178, 341.281



11, 35.248, 339.241

Previews

White Background



This preview shows how the CIELCh color 86, 108.566, 139.364 looks on a white background.

Color Contrast Check

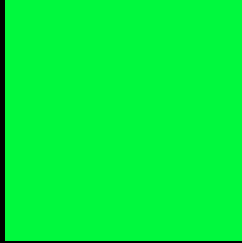
Large Text (above 18pt) WCAG AA × Fail

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, 108.566, 139.364 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, 108.566, 139.364

Background



This preview shows how black text looks on a background with the CIELCh color 86, 108.566, 139.364.

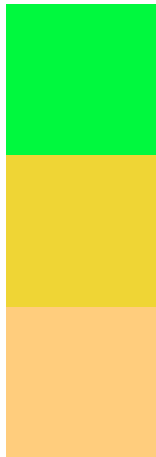


This preview shows how white text looks on a background with the CIELCh color 86, 108.566,

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

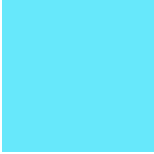
86, 108.566, 139.364

Protanopia

85, 76.170, 95.094

Deuteranopia

85, 46.985, 79.861



Tritanopia
86, 36.146, 213.454

Trichromacy



Original Color
86, 108.566, 139.364



Protanomaly
83, 84.920, 124.016

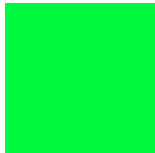


Deuteranomaly
82, 64.353, 126.463



Tritanomaly
85, 57.955, 165.199

Monochromacy



Original Color
86, 108.566, 139.364



Achromatopsia
63, 0.008, 296.813



Achromatomaly
69, 49.659, 148.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 108.566, 139.364 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(0, 249, 62)` looks like.

```
.text, #text, p{  
    color:rgb(0, 249, 62)  
}
```

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(0, 249, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 249, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 108.566, 139.364 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(0, 249, 62) }
```

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

```
.border{ border-color:rgb(0, 249, 62) }
```

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

Here you see how a box with a 4 pixel rgb(0, 249, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 249, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 249, 62);  
box-shadow:4px 4px 4px 4px rgb(0, 249, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 86, 108.566, 139.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 249, 62) }
```

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

```
.background{ background-color: rgb(0, 249,  
62) }
```

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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