

Converting Colors

CIELCh(88, 100.456, 143.530)

Have a look what the booklet for
CIELCh(88, 100.456, 143.530)
contains.

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Color

CIELCh(88, 100.674, 143.433)

Conversions

Conversions Part 1	
Format	Color
Hex	00FF61
RGB	0, 255, 97
RGB Percent	0%, 100%, 38%
CMY	1.0000, 0.0018, 0.6212
CMYK	1.00, 0.00, 0.62, 0.00
HSL	143°, 100%, 50%
HSV	143°, 100%, 100%
XYZ	37.7148, 72.0653, 23.1285
YIQ	160.7430, -101.2620, -103.1980

Conversions

Conversions Part 2

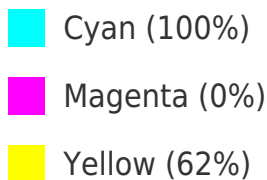
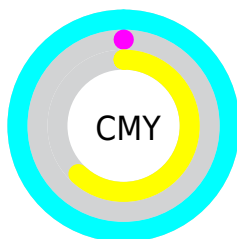
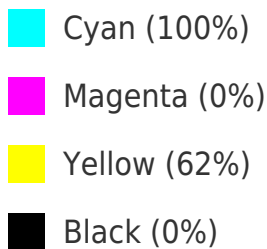
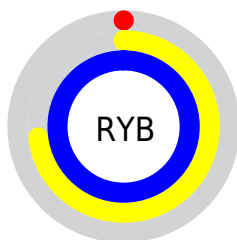
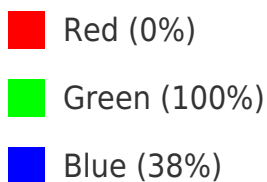
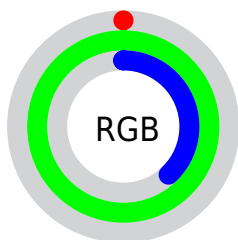
Format	Color
RYB	0, 185, 255
Decimal	65377
CIELab	88.00, -80.86, 59.98
CIELCh	88, 100.674, 143.433
Yxy	72.0653, 0.2838, 0.5422
Android (android.graphics.Color)	4278255457 (0xFF00FF61)
YUV	160.7430, -31.4253, -140.9716
Hunter-Lab	84.8913, -69.2573, 43.2704

Details

The CIELCh color **88, 100.674, 143.433** 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 **56, 87.800, 351.778**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 70.320, 147.241**, and **69, 92.609, 138.474** is the 20% darker color. If you saturate the color by 10%, you get **88, 100.616, 143.399**, and if you desaturate by 10%, it is **88, 94.556, 145.543**.


Distribution




Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 100.674, 143.433 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 88, 100.674, 143.433 by changing the saturation by 10% instead.

 88, 100.674,
143.433


 88, 100.674,
143.433

 100, 100.674,
143.433

 78, 100.674,
143.433

 68, 100.674,
143.433

 58, 100.674,
143.433


 48, 100.674,
143.433


 38, 100.674,
143.433

 28, 100.674,
143.433

 18, 100.674,


143.433


 8, 100.674,
143.433


 0, 100.674,
143.433

 88, 100.674,
143.433


 88, 100.674,
143.433

 88, 100.616,
143.399

 88, 94.556,
145.543

 89, 87.383,
147.610

 89, 79.021,
149.498

 90, 69.548,
151.182

91, 59.120,
152.663

92, 47.945,
153.957

94, 36.244,
155.086

96, 24.231,
156.075

98, 12.095,
156.957

Harmonies

Complementary

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



88, 100.674, 143.433



56, 87.800, 351.778

Rectangle

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



88, 100.674, 143.433



88, 100.674, 193.433



88, 100.674, 323.433



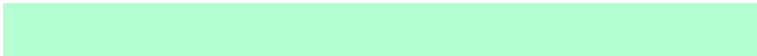
88, 100.674, 13.433

Sweetspot

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



88, 100.616, 143.399



94, 36.296, 155.086



91, 104.503, 123.252



49, 24.697, 154.628



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 100.616, 143.399



88, 100.756, 143.397



90, 57.327, 177.854



52, 6.885, 156.999



68, 80.427, 143.799



23, 34.588, 146.892

Inverse Universe

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



56, 87.800, 351.778



56, 87.916, 351.781



53, 98.053, 34.976



50, 6.937, 338.359



42, 71.037, 351.224



11, 33.491, 347.516

Previews

White Background



This preview shows how the CIELCh color 88, 100.674, 143.433 looks on a white background.

Color Contrast Check

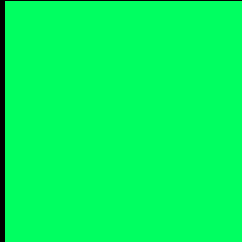
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 100.674, 143.433 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 88, 100.674, 143.433

Background



This preview shows how black text looks on a background with the CIELCh color 88, 100.674, 143.433.

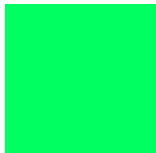


This preview shows how white text looks on a background with the CIELCh color 88, 100.674, 143.433.

Color Blindness Simulation

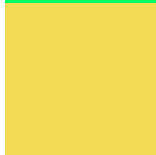
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88, 100.674, 143.433



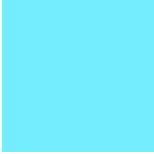
Protanopia

87, 66.516, 95.328



Deuteranopia

87, 35.387, 77.137



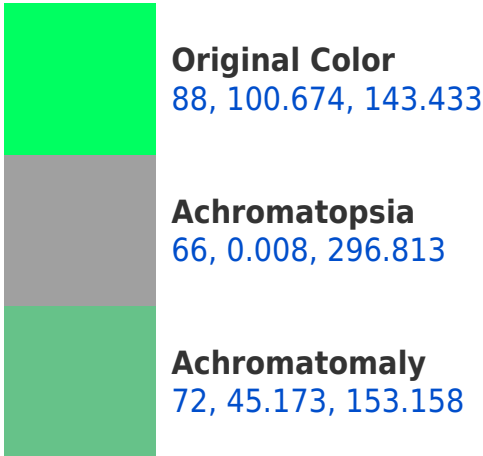
Tritanopia

88, 34.780, 213.219

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 100.674, 143.433 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, 255, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 97)  
}
```

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, 255, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 100.674, 143.433 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, 255, 97) }
```

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

```
.border{ border-color:rgb(0, 255, 97) }
```

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

Here you see how a box with a 4 pixel rgb(0, 255, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 255, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 100.674, 143.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 97) }
```

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

```
.background{ background-color: rgb(0, 255,  
97) }
```

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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