

Converting Colors

CIELCh(88, 103.411, 142.111)

Have a look what the booklet for
CIELCh(88, 103.411, 142.111)
contains.

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Color

CIELCh(88, 103.491, 142.114)

Conversions

Conversions Part 1

Format	Color
Hex	03FF58
RGB	3, 255, 88
RGB Percent	1%, 100%, 35%
CMY	0.9876, 0.0011, 0.6559
CMYK	0.99, 0.00, 0.66, 0.00
HSL	140°, 100%, 51%
HSV	140°, 99%, 100%
XYZ	37.4624, 72.0653, 21.1113
YIQ	160.6140, -96.5850, -105.3610

Conversions

Conversions Part 2

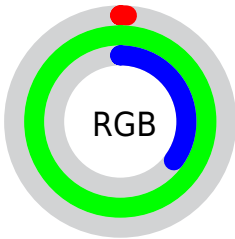
Format	Color
RYB	3, 191, 255
Decimal	261976
CIELab	88.00, -81.68, 63.55
CIELCh	88, 103.491, 142.114
Yxy	72.0653, 0.2868, 0.5516
Android (android.graphics.Color)	4278452056 (0xFF03FF58)
YUV	160.6140, -35.7987, -138.2275
Hunter-Lab	84.8913, -69.7879, 44.6793

Details

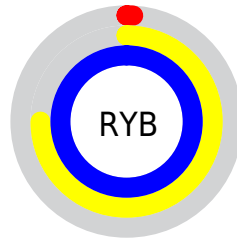
The CIELCh color **88, 103.491, 142.114** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **56, 89.884, 347.868**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 73.270, 145.166**, and **69, 95.589, 137.151** is the 20% darker color. If you saturate the color by 10%, you get **88, 104.207, 141.873**, and if you desaturate by 10%, it is **88, 97.208, 144.176**.

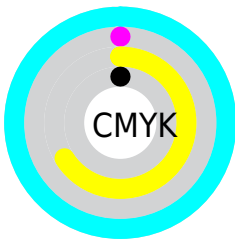
Distribution



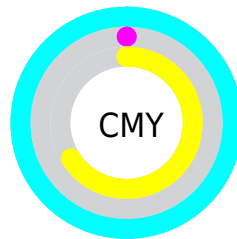
- Red (1%)
- Green (100%)
- Blue (35%)



- Red (1%)
- Yellow (75%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)





- Cyan (99%)
- Magenta (0%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 103.491, 142.114 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, 103.491, 142.114 by changing the saturation by 10% instead.


 88, 103.491,
142.114


 88, 103.491,
142.114


 100, 103.491,
142.114


 78, 103.491,
142.114


 68, 103.491,
142.114

 58, 103.491,
142.114


 48, 103.491,
142.114


 38, 103.491,
142.114


 28, 103.491,
142.114


 18, 103.491,


142.114


 8, 103.491,
142.114


 0, 103.491,
142.114


 88, 103.491,
142.114


 88, 103.491,
142.114

 88, 104.207,
141.873

 88, 97.208,
144.176

 89, 89.647,
146.165

 89, 80.812,
147.990

 90, 70.821,
149.621

■ 91, 59.863,
151.055

■ 93, 48.168,
152.305

■ 94, 35.972,
153.393

■ 96, 23.499,
154.342

■ 98, 10.940,
155.187

Harmonies

Complementary

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



88, 103.491, 142.114



56, 89.884, 347.868

Rectangle

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



88, 103.491, 142.114



88, 103.491, 192.114



88, 103.491, 322.114



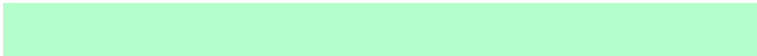
88, 103.491, 12.114

Sweetspot

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



88, 103.491, 142.114



94, 37.537, 153.266



92, 103.063, 121.610



49, 25.549, 152.818



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, 103.491, 142.114



88, 104.294, 141.872



90, 59.582, 174.209



52, 7.109, 155.126



68, 83.273, 142.255



23, 35.837, 145.247

Inverse Universe

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



56, 89.884, 347.868



56, 89.956, 348.168



53, 95.159, 32.347



50, 7.153, 336.433



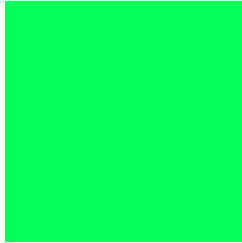
42, 72.697, 347.705



11, 34.281, 344.628

Previews

White Background



This preview shows how the CIELCh color 88, 103.491, 142.114 looks on a white background.

Color Contrast Check

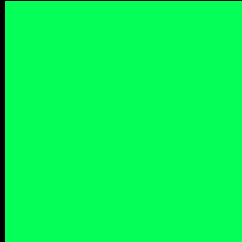
Large Text (above 18pt) WCAG AA × Fail

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 88, 103.491, 142.114 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, 103.491, 142.114

Background



This preview shows how black text looks on a background with the CIELCh color 88, 103.491, 142.114.

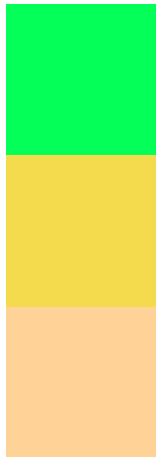


This preview shows how white text looks on a background with the CIELCh color 88, 103.491, 142.114.

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

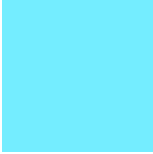
88, 103.529, 142.137

Protanopia

87, 69.675, 95.447

Deuteranopia

87, 36.300, 77.811



Tritanopia
88, 34.780, 213.219

Trichromacy



Original Color
88, 103.529, 142.137



Protanomaly
85, 78.769, 126.571



Deuteranomaly
84, 56.329, 131.912



Tritanomaly
87, 55.242, 168.203

Monochromacy



Original Color
88, 103.529, 142.137



Achromatopsia
66, 0.008, 296.813



Achromatomaly
72, 46.174, 151.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 103.491, 142.114 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(3, 255, 88)` looks like.

```
.text, #text, p{  
    color:rgb(3, 255, 88)  
}
```

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(3, 255, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 255, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 103.491, 142.114 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(3, 255, 88) }
```

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

```
.border{ border-color:rgb(3, 255, 88) }
```

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

Here you see how a box with a 4 pixel rgb(3, 255, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 255, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 255, 88);  
box-shadow:4px 4px 4px 4px rgb(3, 255, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 103.491, 142.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 255, 88) }
```

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

```
.background{ background-color: rgb(3, 255,  
88) }
```

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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