

Converting Colors

CIELCh(88, 93.067, 143.402)

Have a look what the booklet for
CIELCh(88, 93.067, 143.402)
contains.

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Color

CIELCh(88, 93.388, 143.299)

Conversions

Conversions Part 1

Format	Color
Hex	3DFD6B
RGB	61, 253, 107
RGB Percent	24%, 99%, 42%
CMY	0.7593, 0.0093, 0.5818
CMYK	0.76, 0.00, 0.58, 0.01
HSL	134°, 98%, 62%
HSV	134°, 76%, 99%
XYZ	39.5871, 72.0653, 25.6360
YIQ	178.9480, -67.5660, -86.1100

Conversions

Conversions Part 2

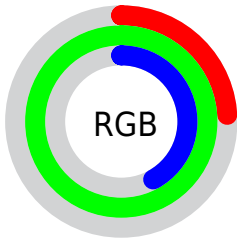
Format	Color
RYB	61, 216, 253
Decimal	4062571
CIELab	88.00, -74.88, 55.81
CIELCh	88, 93.388, 143.299
Yxy	72.0653, 0.2883, 0.5249
Android (android.graphics.Color)	4282252651 (0xFF3DFD6B)
YUV	178.9480, -35.4704, -103.4404
Hunter-Lab	84.8913, -65.3204, 41.5191

Details

The CIELCh color **88, 93.388, 143.299** 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 **61, 89.280, 337.741**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 63.003, 147.014**, and **69, 88.773, 140.108** is the 20% darker color. If you saturate the color by 10%, you get **88, 101.654, 141.537**, and if you desaturate by 10%, it is **89, 83.606, 144.950**.

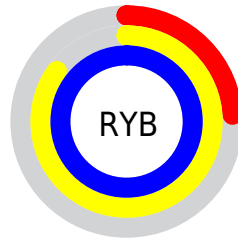
Distribution



Red (24%)

Green (99%)

Blue (42%)



Red (24%)

Yellow (85%)

Blue (99%)

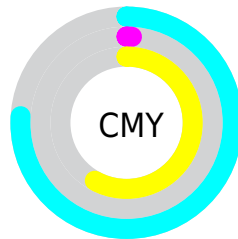


Cyan (76%)

Magenta (0%)

Yellow (58%)

Black (1%)



Cyan (76%)


Magenta (1%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 93.388, 143.299 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, 93.388, 143.299 by changing the saturation by 10% instead.


 88, 93.388,
143.299

 88, 93.388,
143.299


 100, 93.388,
143.299

 78, 93.388,
143.299

 68, 93.388,
143.299

 58, 93.388,
143.299

 48, 93.388,
143.299

 38, 93.388,
143.299


 28, 93.388,
143.299

 18, 93.388,


143.299


 8, 93.388, 143.299


 0, 93.388, 143.299


 88, 93.388,
143.299


 88, 93.388,
143.299


 88, 101.654,
141.537


 89, 83.606,
144.950

 87, 108.232,
139.756

 90, 72.543,
146.441

 87, 110.572,
139.051

 91, 60.474,
147.757

 92, 47.688,
148.902

 94, 34.458,

149.893

■ 96, 21.026,
150.752

■ 98, 7.589, 151.520

■ 99, 1.487, 324.286

Harmonies

Complementary

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



88, 93.388, 143.299



61, 89.280, 337.741

Rectangle

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



88, 93.388, 143.299



88, 93.388, 193.299



88, 93.388, 323.299



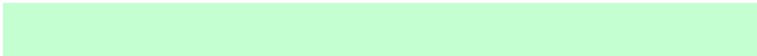
88, 93.388, 13.299

Sweetspot

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



88, 93.388, 143.299



95, 31.080, 150.136



93, 88.603, 115.391



50, 21.506, 149.807



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, 93.388, 143.299



88, 106.141, 140.579



90, 58.911, 168.990



52, 7.651, 151.231



68, 89.047, 139.358



23, 38.537, 141.995

Inverse Universe

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



61, 89.280, 337.741



58, 95.619, 339.526



57, 75.118, 13.010



50, 7.680, 332.431



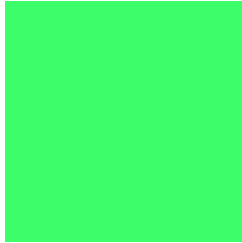
43, 77.576, 340.512



11, 36.434, 338.692

Previews

White Background



This preview shows how the CIE LCh color 88, 93.388, 143.299 looks on a white background.

Color Contrast Check

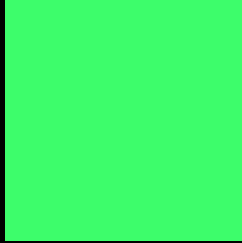
Large Text (above 18pt) WCAG AA × Fail

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, 93.388, 143.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

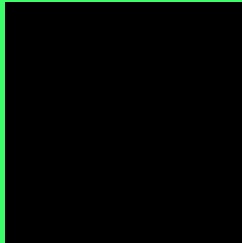
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 93.388, 143.299

Background



This preview shows how black text looks on a background with the CIELCh color 88, 93.388, 143.299.

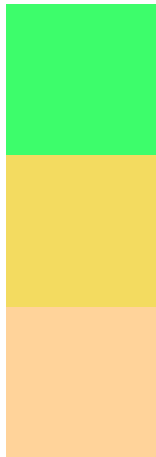


This preview shows how white text looks on a background with the CIELCh color 88, 93.388, 143.299.

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, 93.478, 143.357

Protanopia
87, 62.256, 95.503

Deuteranopia
87, 34.932, 76.785



Tritanopia
88, 33.850, 214.675

Trichromacy



Original Color
88, 93.478, 143.357



Protanomaly
86, 68.350, 123.262



Deuteranomaly
85, 48.312, 125.789



Tritanomaly
87, 48.840, 170.164

Monochromacy



Original Color
88, 93.478, 143.357



Achromatopsia
73, 0.009, 296.813



Achromatomaly
77, 38.336, 149.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 93.388, 143.299 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(61, 253, 107)` looks like.

```
.text, #text, p{  
    color:rgb(61, 253, 107)  
}
```

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(61, 253, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 253, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 93.388, 143.299 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(61, 253, 107) }
```

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

```
.border{ border-color:rgb(61, 253, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 253, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 253, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 253, 107);  
box-shadow:4px 4px 4px 4px rgb(61, 253,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 93.388, 143.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 253, 107) }
```

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

```
.background{ background-color: rgb(61, 253,  
107) }
```

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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