

Converting Colors

CIELCh(88, 88.388, 148.756)

Have a look what the booklet for
CIELCh(88, 88.388, 148.756)
contains.

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Color

CIELCh(88, 88.421, 148.719)

Conversions

Conversions Part 1

Format	Color
Hex	14FD80
RGB	20, 253, 128
RGB Percent	8%, 99%, 50%
CMY	0.9227, 0.0072, 0.4974
CMYK	0.92, 0.00, 0.49, 0.01
HSL	148°, 98%, 54%
HSV	148°, 92%, 99%
XYZ	39.3674, 72.0653, 32.3093
YIQ	169.0830, -98.7430, -88.2710

Conversions

Conversions Part 2

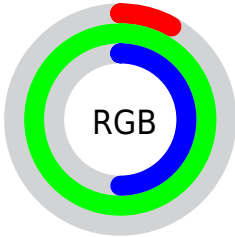
Format	Color
R_{YB}	20, 179, 253
Decimal	1375616
CIE Lab	88.00, -75.57, 45.91
CIE LCh	88, 88.421, 148.719
Yxy	72.0653, 0.2739, 0.5014
Android (android.graphics.Color)	4279565696 (0xFF14FD80)
YUV	169.0830, -20.2539, -130.7458
Hunter-Lab	84.8913, -65.7824, 36.8583

Details

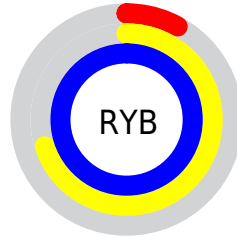
The CIELCh color **88, 88.421, 148.719** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **56, 84.154, 356.563**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 58.114, 156.341**, and **69, 80.943, 144.163** is the 20% darker color. If you saturate the color by 10%, you get **88, 92.716, 146.953**, and if you desaturate by 10%, it is **88, 82.115, 150.900**.

Distribution



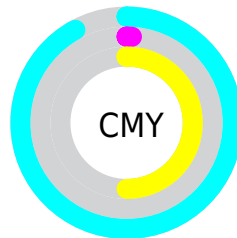
- Red (8%)
- Green (99%)
- Blue (50%)



- Red (8%)
- Yellow (70%)
- Blue (99%)



- Cyan (92%)
- Magenta (0%)
- Yellow (49%)
- Black (1%)



- Cyan (92%)
- Magenta (1%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 88.421, 148.719 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, 88.421, 148.719 by changing the saturation by 10% instead.


 88, 88.421,
148.719

 88, 88.421,
148.719


 100, 88.421,
148.719


 78, 88.421,
148.719


 68, 88.421,
148.719

 58, 88.421,
148.719

 48, 88.421,
148.719

 38, 88.421,
148.719


 28, 88.421,
148.719

 18, 88.421,


148.719


 8, 88.421, 148.719

 0, 88.421, 148.719


 88, 88.421,
148.719


 88, 88.421,
148.719

 88, 92.716,
146.953

 88, 82.115,
150.900

 89, 74.750,
152.884

 90, 66.341,
154.653

 91, 56.993,
156.212

 92, 46.872,

157.580

■ 93, 36.173,
158.784

■ 95, 25.093,
159.848

■ 97, 13.813,
160.804

■ 99, 2.489, 161.799

Harmonies

Complementary

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



88, 88.421, 148.719



56, 84.154, 356.563

Rectangle

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



88, 88.421, 148.719



88, 88.421, 198.719



88, 88.421, 328.719



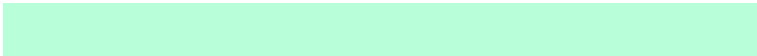
88, 88.421, 18.719

Sweetspot

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



88, 88.421, 148.719



95, 31.726, 159.246



90, 104.304, 125.675



50, 21.832, 158.771



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, 88.421, 148.719



88, 93.241, 146.944



90, 51.348, 189.397



52, 6.466, 161.050



68, 74.424, 147.371



23, 32.048, 150.581

Inverse Universe

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



56, 84.154, 356.563



55, 85.195, 359.522



53, 97.199, 36.200



50, 6.538, 342.519



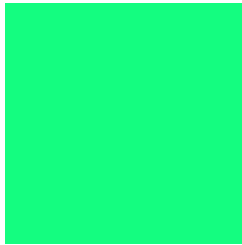
41, 68.760, 358.770



11, 32.248, 353.731

Previews

White Background



This preview shows how the CIE LCh color 88, 88.421, 148.719 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, 88.421, 148.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

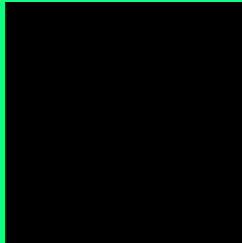
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

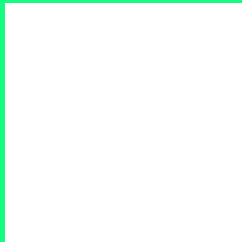
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 88.421, 148.719

Background



This preview shows how black text looks on a background with the CIELCh color 88, 88.421, 148.719.

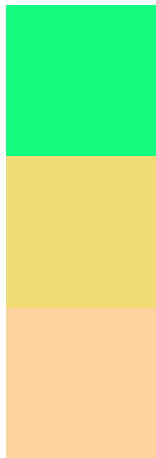


This preview shows how white text looks on a background with the CIELCh color 88, 88.421, 148.719.

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

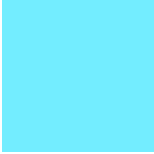
88, 88.389, 148.701

Protanopia

87, 53.124, 95.722

Deuteranopia

87, 32.678, 74.857



Tritanopia
88, 34.968, 213.121

Trichromacy



Original Color
88, 88.389, 148.701



Protanomaly
85, 62.361, 131.196



Deuteranomaly
84, 45.834, 134.961



Tritanomaly
87, 49.973, 175.253

Monochromacy



Original Color
88, 88.389, 148.701



Achromatopsia
69, 0.009, 296.813



Achromatomaly
74, 39.172, 157.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 88.421, 148.719 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(20, 253, 128)` looks like.

```
.text, #text, p{  
    color:rgb(20, 253, 128)  
}
```

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(20, 253, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 253, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 88.421, 148.719 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(20, 253, 128) }
```

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

```
.border{ border-color:rgb(20, 253, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 253, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 253, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 253, 128);  
box-shadow:4px 4px 4px 4px rgb(20, 253,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 88.421, 148.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 253, 128) }
```

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

```
.background{ background-color: rgb(20, 253,  
128) }
```

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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