

Converting Colors

CIELCh(88, 115.159, 135.719)

Have a look what the booklet for
CIELCh(88, 115.159, 135.719)
contains.

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Color

CIELCh(88, 115.286, 135.719)

Conversions

Conversions Part 1

Format	Color
Hex	32FF1D
RGB	50, 255, 29
RGB Percent	20%, 100%, 11%
CMY	0.8028, 0.0014, 0.8848
CMYK	0.80, 0.00, 0.88, 0.00
HSL	114°, 100%, 56%
HSV	114°, 88%, 100%
XYZ	37.2002, 72.0653, 13.1343
YIQ	167.9410, -49.6340, -113.7460

Conversions

Conversions Part 2

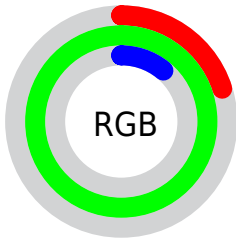
Format	Color
R _Y B	29, 255, 234
Decimal	3342109
CIE Lab	88.00, -82.54, 80.49
CIE LCh	88, 115.286, 135.719
Yxy	72.0653, 0.3039, 0.5888
Android (android.graphics.Color)	4281532189 (0xFF32FF1D)
YUV	167.9410, -68.4979, -103.4343
Hunter-Lab	84.8913, -70.3393, 50.2506

Details

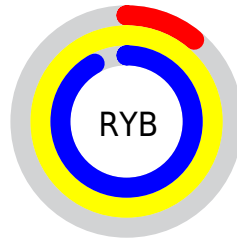
The CIELCh color **88, 115.286, 135.719** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **58, 113.130, 324.803**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 87.129, 134.989**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 118.758, 135.702**, and if you desaturate by 10%, it is **88, 108.696, 136.093**.

Distribution



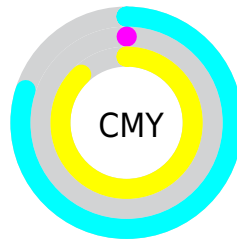
- Red (20%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (92%)



- Cyan (80%)
- Magenta (0%)
- Yellow (88%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 115.286, 135.719 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, 115.286, 135.719 by changing the saturation by 10% instead.


 88, 115.286,
135.719


 88, 115.286,
135.719


 100, 115.286,
135.719


 78, 115.286,
135.719

 68, 115.286,
135.719

 58, 115.286,
135.719

 48, 115.286,
135.719

 38, 115.286,
135.719

 28, 115.286,
135.719

 18, 115.286,

135.719

■ 8, 115.286,
135.719

■ 0, 115.286,
135.719

■ 88, 115.286,
135.719

■ 88, 115.286,
135.719

■ 88, 118.758,
135.702

■ 88, 108.696,
136.093

■ 88, 119.126,
135.696

■ 89, 99.177,
136.775

■ 90, 87.347,
137.626

■ 91, 73.867,
138.525

■ 92, 59.301,
139.390

■ 94, 44.095,
140.180

■ 96, 28.592,
140.879

■ 98, 13.047,
141.494

100, 0.232,
323.112

Harmonies

Complementary

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



88, 115.286, 135.719



58, 113.130, 324.803

Rectangle

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



88, 115.286, 135.719



88, 115.286, 185.719



88, 115.286, 315.719



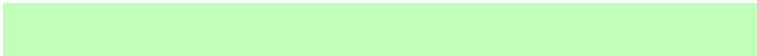
88, 115.286, 5.719

Sweetspot

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



88, 115.285, 135.720



94, 41.877, 140.288



91, 87.709, 96.758



50, 28.198, 140.033



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, 115.285, 135.720



88, 119.253, 135.696



88, 91.899, 146.701



52, 8.775, 141.433



68, 95.938, 135.610



23, 43.076, 135.495

Inverse Universe

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



58, 113.130, 324.803



56, 116.287, 324.557



57, 86.189, 350.183



50, 8.803, 322.365



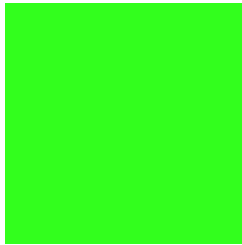
42, 93.648, 324.618



11, 43.040, 325.044

Previews

White Background



This preview shows how the CIELCh color 88, 115.286, 135.719 looks on a white background.

Color Contrast Check

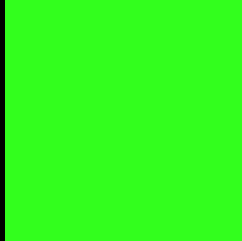
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 115.286, 135.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

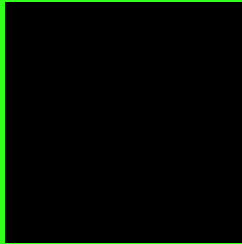
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 115.286, 135.719

Background



This preview shows how black text looks on a background with the CIELCh color 88, 115.286, 135.719.



This preview shows how white text looks on a background with the CIELCh color 88, 115.286, 135.719.

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, 115.489, 135.716

Protanopia

87, 85.940, 95.100

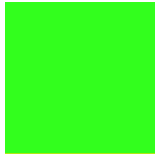
Deuteranopia

87, 38.818, 80.166



Tritanopia
88, 33.850, 214.675

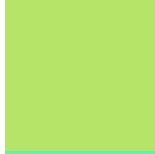
Trichromacy



Original Color
88, 115.489, 135.716



Protanomaly
85, 92.007, 117.731

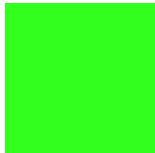


Deuteranomaly
85, 64.623, 122.037

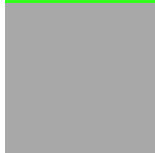


Tritanomaly
87, 59.610, 158.072

Monochromacy



Original Color
88, 115.489, 135.716



Achromatopsia
69, 0.009, 296.813



Achromatomaly
74, 51.983, 139.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 115.286, 135.719 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(50, 255, 29)` looks like.

```
.text, #text, p{  
    color:rgb(50, 255, 29)  
}
```

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(50, 255, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 255, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 115.286, 135.719 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(50, 255, 29) }
```

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

```
.border{ border-color:rgb(50, 255, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 255, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 255, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 255, 29);  
box-shadow:4px 4px 4px 4px rgb(50, 255,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 115.286, 135.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 255, 29) }
```

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

```
.background{ background-color: rgb(50, 255,  
29) }
```

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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