

Converting Colors

CIELCh(89, 80.567, 152.513)

Have a look what the booklet for
CIELCh(89, 80.567, 152.513)
contains.

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Color

CIELCh(89, 80.531, 152.517)

Conversions

Conversions Part 1

Format	Color
Hex	29FF95
RGB	41, 255, 149
RGB Percent	16%, 100%, 58%
CMY	0.8392, 0.0000, 0.4157
CMYK	0.84, 0.00, 0.42, 0.00
HSL	150°, 100%, 58%
HSV	150°, 84%, 100%
XYZ	42.1011, 74.1641, 40.5309
YIQ	178.9300, -93.5180, -78.3340

Conversions

Conversions Part 2

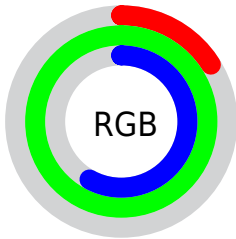
Format	Color
RYB	41, 183, 255
Decimal	2752405
CIELab	89.00, -71.44, 37.16
CIELCh	89, 80.531, 152.517
Yxy	74.1641, 0.2685, 0.4730
Android (android.graphics.Color)	4280942485 (0xFF29FF95)
YUV	178.9300, -14.7555, -120.9646
Hunter-Lab	86.1186, -63.4437, 32.3787

Details

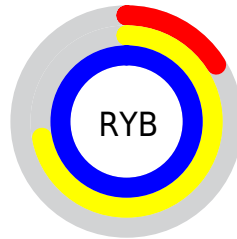
The CIELCh color **89, 80.531, 152.517** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **57, 81.547, 357.098**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 49.539, 164.218**, and **70, 74.070, 148.655** is the 20% darker color. If you saturate the color by 10%, you get **89, 86.360, 150.286**, and if you desaturate by 10%, it is **90, 73.679, 154.551**.

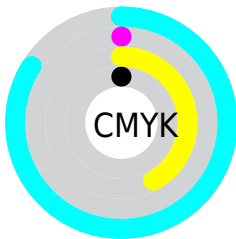
Distribution



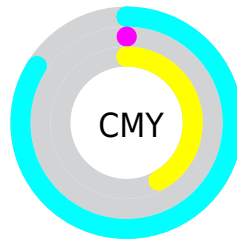
- Red (16%)
- Green (100%)
- Blue (58%)



- Red (16%)
- Yellow (72%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (84%)
- Magenta (0%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 80.531, 152.517 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 89, 80.531, 152.517 by changing the saturation by 10% instead.


 89, 80.531,
152.517


 89, 80.531,
152.517


 100, 80.531,
152.517


 79, 80.531,
152.517

 69, 80.531,
152.517

 59, 80.531,
152.517

 49, 80.531,
152.517

 39, 80.531,
152.517


 29, 80.531,
152.517


 19, 80.531,


152.517


 9, 80.531, 152.517


 0, 80.531, 152.517


 89, 80.531,
152.517


 89, 80.531,
152.517

 89, 86.360,
150.286


 90, 73.679,
154.551

 88, 89.522,
148.887


 90, 65.796,
156.365


 91, 56.958,
157.968

 92, 47.310,
159.380

 94, 37.036,

160.626

 95, 26.330,
161.732

 97, 15.370,
162.727

 99, 4.317, 163.692

100, 0.012,
296.813

Harmonies

Complementary

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



89, 80.531, 152.517



57, 81.547, 357.098

Rectangle

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



89, 80.531, 152.517



89, 80.531, 202.517



89, 80.531, 332.517



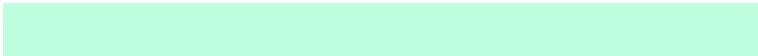
89, 80.531, 22.517

Sweetspot

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



89, 80.528, 152.518



95, 27.506, 161.618



91, 101.977, 126.744



50, 18.720, 161.239



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 80.528, 152.518



88, 89.522, 148.887



91, 48.665, 196.469



52, 6.280, 163.143



68, 71.466, 149.319



23, 30.829, 152.552

Inverse Universe

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



57, 81.547, 357.098



55, 84.580, 3.399



55, 93.288, 35.690



50, 6.363, 344.663



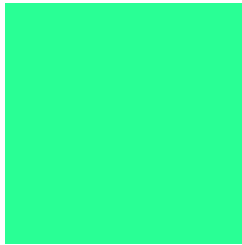
41, 68.200, 2.558



10, 31.825, 356.886

Previews

White Background



This preview shows how the CIELCh color 89, 80.531, 152.517 looks on a white background.

Color Contrast Check

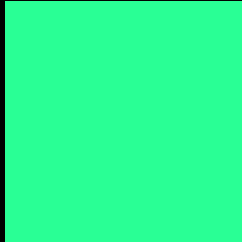
Large Text (above 18pt) WCAG AA × Fail

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 89, 80.531, 152.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

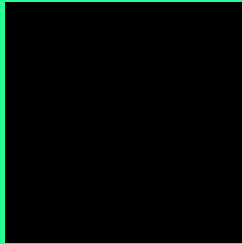
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 80.531, 152.517

Background



This preview shows how black text looks on a background with the CIELCh color 89, 80.531, 152.517.

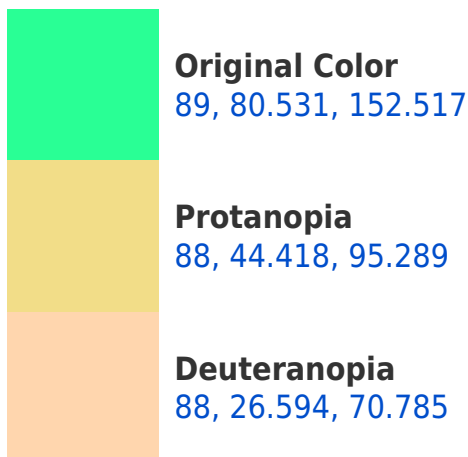


This preview shows how white text looks on a background with the CIELCh color 89, 80.531, 152.517.

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





Tritanopia
89, 31.947, 213.811

Trichromacy



Original Color
89, 80.531, 152.517



Protanomaly
86, 53.033, 133.630



Deuteranomaly
86, 38.546, 137.698

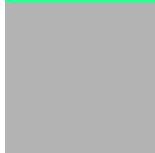


Tritanomaly
88, 45.667, 177.700

Monochromacy



Original Color
89, 80.531, 152.517



Achromatopsia
73, 0.009, 296.813



Achromatomaly
77, 34.740, 159.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 80.531, 152.517 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(41, 255, 149)` looks like.

```
.text, #text, p{  
    color:rgb(41, 255, 149)  
}
```

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(41, 255, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 255, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 80.531, 152.517 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(41, 255, 149) }
```

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

```
.border{ border-color:rgb(41, 255, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 255, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 255, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 255, 149);  
box-shadow:4px 4px 4px 4px rgb(41, 255,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 80.531, 152.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 255, 149) }
```

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

```
.background{ background-color: rgb(41, 255,  
149) }
```

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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