

Converting Colors

CIELCh(89, 79.374, 154.317)

Have a look what the booklet for
CIELCh(89, 79.374, 154.317)
contains.

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Color

CIELCh(89, 79.153, 154.460)

Conversions

Conversions Part 1

Format	Color
Hex	18FF9B
RGB	24, 255, 155
RGB Percent	9%, 100%, 61%
CMY	0.9042, 0.0000, 0.3917
CMYK	0.90, 0.00, 0.39, 0.00
HSL	154°, 100%, 55%
HSV	154°, 90%, 100%
XYZ	42.1092, 74.1641, 43.1529
YIQ	174.5310, -105.5760, -80.0720

Conversions

Conversions Part 2

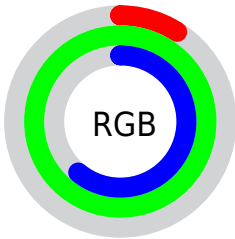
Format	Color
RYB	24, 171, 255
Decimal	1638299
CIELab	89.00, -71.42, 34.13
CIELCh	89, 79.153, 154.460
Yxy	74.1641, 0.2641, 0.4652
Android (android.graphics.Color)	4279828379 (0xFF18FF9B)
YUV	174.5310, -9.6288, -132.0157
Hunter-Lab	86.1186, -63.4269, 30.5736

Details

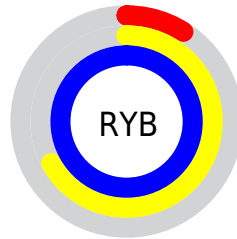
The CIELCh color **89, 79.153, 154.460** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **55, 82.593, 4.950**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 48.582, 167.741**, and **70, 71.752, 150.211** is the 20% darker color. If you saturate the color by 10%, you get **89, 83.661, 152.267**, and if you desaturate by 10%, it is **89, 73.514, 156.646**.

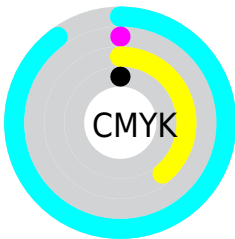
Distribution



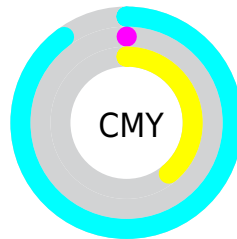
- Red (9%)
- Green (100%)
- Blue (61%)



- Red (9%)
- Yellow (67%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 79.153, 154.460 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, 79.153, 154.460 by changing the saturation by 10% instead.

 89, 79.153,
154.460

 89, 79.153,
154.460


 100, 79.153,
154.460

 79, 79.153,
154.460

 69, 79.153,
154.460

 59, 79.153,
154.460

 49, 79.153,
154.460

 39, 79.153,
154.460


 29, 79.153,
154.460

 19, 79.153,


154.460

 9, 79.153, 154.460


 0, 79.153, 154.460


 89, 79.153,
154.460


 89, 79.153,
154.460

 89, 83.661,
152.267

 89, 73.514,
156.646

 90, 66.930,
158.598

 91, 59.346,
160.334

 92, 50.851,
161.870

 93, 41.593,

163.231

■ 94, 31.749,
164.443

■ 96, 21.500,
165.533

■ 98, 11.016,
166.533

■ 100, 0.441,
168.549

Harmonies

Complementary

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



89, 79.153, 154.460



55, 82.593, 4.950

Rectangle

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



89, 79.153, 154.460



89, 79.153, 204.460



89, 79.153, 334.460



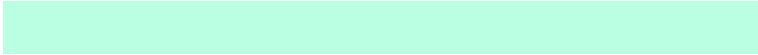
89, 79.153, 24.460

Sweetspot

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



89, 79.096, 154.479



95, 28.277, 164.829



90, 107.925, 129.362



50, 18.986, 164.444



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, 79.096, 154.479



89, 83.661, 152.267



87, 45.647, 206.941



52, 6.009, 166.623



68, 66.819, 152.702



23, 28.943, 155.928

Inverse Universe

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



55, 82.593, 4.950



54, 84.551, 9.533



55, 97.462, 39.013



50, 6.112, 348.216



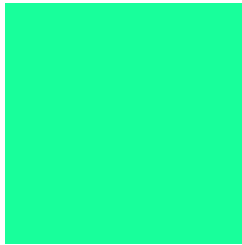
41, 68.044, 8.573



10, 31.403, 1.984

Previews

White Background



This preview shows how the CIE LCh color 89, 79.153, 154.460 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, 79.153, 154.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

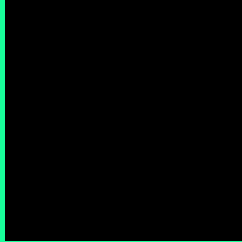
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 79.153, 154.460

Background



This preview shows how black text looks on a background with the CIELCh color 89, 79.153, 154.460.

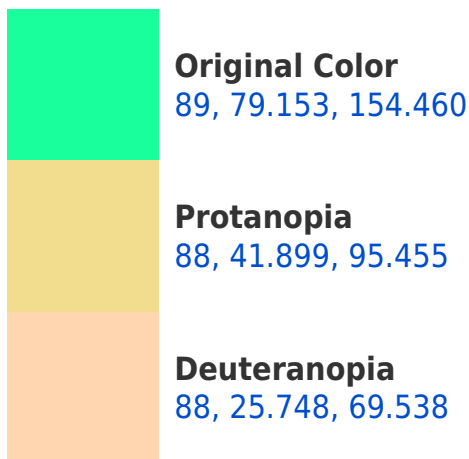


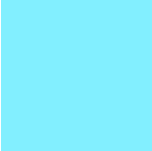
This preview shows how white text looks on a background with the CIELCh color 89, 79.153, 154.460.

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, 32.335, 212.598

Trichromacy



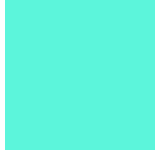
Original Color
89, 79.153, 154.460



Protanomaly
86, 52.111, 137.174



Deuteranomaly
86, 38.403, 141.431

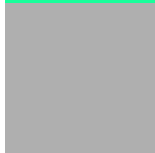


Tritanomaly
88, 46.351, 179.314

Monochromacy



Original Color
89, 79.153, 154.460



Achromatopsia
71, 0.009, 296.813



Achromatomaly
76, 35.201, 163.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 79.153, 154.460 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(24, 255, 155)` looks like.

```
.text, #text, p{  
    color:rgb(24, 255, 155)  
}
```

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(24, 255, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 255, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 79.153, 154.460 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(24, 255, 155) }
```

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

```
.border{ border-color:rgb(24, 255, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 255, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(24, 255,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 79.153, 154.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 255, 155) }
```

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

```
.background{ background-color: rgb(24, 255,  
155) }
```

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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