

Converting Colors

CIELCh(89, 78.788, 153.246)

Have a look what the booklet for
CIELCh(89, 78.788, 153.246)
contains.

CIELCh(89, 79.144, 153.101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 79.144, 153.101)

Conversions

Conversions Part 1

Format	Color
Hex	2CFF98
RGB	44, 255, 152
RGB Percent	17%, 100%, 60%
CMY	0.8256, 0.0010, 0.4048
CMYK	0.83, 0.00, 0.40, 0.00
HSL	151°, 100%, 59%
HSV	151°, 83%, 100%
XYZ	42.3873, 74.1641, 41.6892
YIQ	180.1690, -92.6930, -76.7650

Conversions

Conversions Part 2

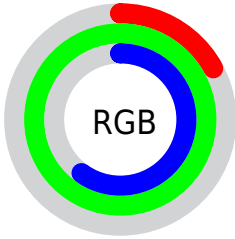
Format	Color
RYB	44, 184, 255
Decimal	2949016
CIELab	89.00, -70.58, 35.81
CIELCh	89, 79.144, 153.101
Yxy	74.1641, 0.2679, 0.4687
Android (android.graphics.Color)	4281139096 (0xFF2CFF98)
YUV	180.1690, -13.8873, -119.4202
Hunter-Lab	86.1186, -62.8504, 31.5813

Details

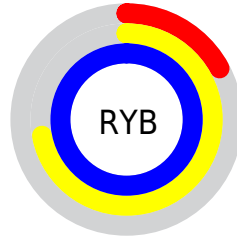
The CIELCh color **89, 79.144, 153.101** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **57, 80.827, 357.103**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 48.144, 165.408**, and **70, 72.914, 149.419** is the 20% darker color. If you saturate the color by 10%, you get **89, 85.057, 150.892**, and if you desaturate by 10%, it is **90, 72.212, 155.104**.

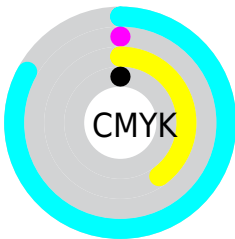
Distribution



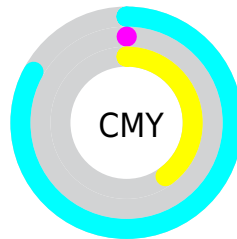
- Red (17%)
- Green (100%)
- Blue (60%)



- Red (17%)
- Yellow (72%)
- Blue (100%)



- Cyan (83%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (83%)
- Magenta (0%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 79.144, 153.101 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, 79.144, 153.101 by changing the saturation by 10% instead.


 89, 79.144,
153.101


 89, 79.144,
153.101


 100, 79.144,
153.101


 79, 79.144,
153.101

 69, 79.144,
153.101

 59, 79.144,
153.101

 49, 79.144,
153.101

 39, 79.144,
153.101


 29, 79.144,
153.101


 19, 79.144,


153.101


 9, 79.144, 153.101

 0, 79.144, 153.101


 89, 79.144,
153.101

 89, 79.144,
153.101


 89, 85.057,
150.892

 90, 72.212,
155.104

 88, 88.928,
149.174


 90, 64.254,
156.889


 91, 55.359,
158.466

 92, 45.679,
159.854

 94, 35.398,

161.081

 95, 24.707,
162.173

 97, 13.785,
163.159

 99, 2.783, 164.174

100, 0.165,
322.566

Harmonies

Complementary

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



89, 79.144, 153.101



57, 80.827, 357.103

Rectangle

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



89, 79.144, 153.101



89, 79.144, 203.101



89, 79.144, 333.101



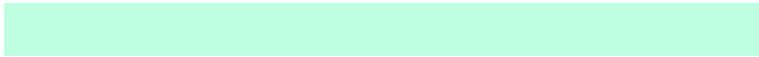
89, 79.144, 23.101

Sweetspot

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



89, 79.145, 153.101



95, 27.388, 161.915



91, 100.960, 126.662



50, 18.638, 161.535



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, 79.145, 153.101



89, 88.486, 149.397



91, 48.399, 196.483



52, 6.255, 163.445



68, 71.050, 149.606



23, 30.658, 152.840

Inverse Universe

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



57, 80.827, 357.103



55, 84.413, 3.511



55, 91.834, 35.194



50, 6.339, 344.972



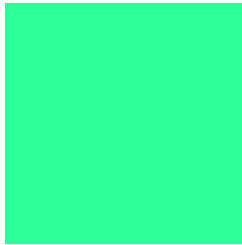
41, 68.150, 3.095



10, 31.775, 357.336

Previews

White Background



This preview shows how the CIE LCh color 89, 79.144, 153.101 looks on a white background.

Color Contrast Check

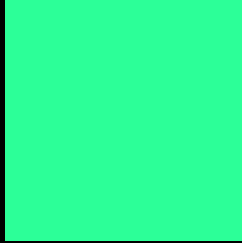
Large Text (above 18pt) WCAG AA × Fail

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, 79.144, 153.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

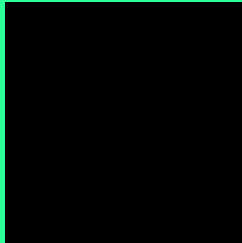
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 79.144, 153.101

Background



This preview shows how black text looks on a background with the CIELCh color 89, 79.144, 153.101.

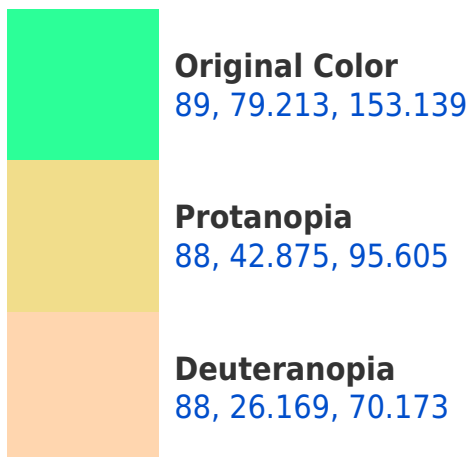


This preview shows how white text looks on a background with the CIELCh color 89, 79.144, 153.101.

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, 31.735, 213.935

Trichromacy



Original Color
89, 79.213, 153.139



Protanomaly
86, 51.536, 134.068



Deuteranomaly
86, 37.464, 138.034

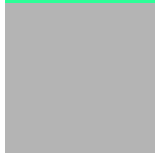


Tritanomaly
88, 45.055, 178.178

Monochromacy



Original Color
89, 79.213, 153.139



Achromatopsia
73, 0.009, 296.813



Achromatomaly
77, 33.529, 160.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 79.144, 153.101 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(44, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(44, 255, 152)  
}
```

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(44, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 255, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 79.144, 153.101 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(44, 255, 152) }
```

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

```
.border{ border-color:rgb(44, 255, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 255, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(44, 255,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 79.144, 153.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 255, 152) }
```

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

```
.background{ background-color: rgb(44, 255,  
152) }
```

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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