

Converting Colors

CIELCh(89, 76.320, 154.164)

Have a look what the booklet for
CIELCh(89, 76.320, 154.164)
contains.

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Color

CIELCh(89, 76.183, 154.184)

Conversions

Conversions Part 1

Format	Color
Hex	35FE9D
RGB	53, 254, 157
RGB Percent	21%, 100%, 62%
CMY	0.7913, 0.0034, 0.3839
CMYK	0.79, 0.00, 0.38, 0.00
HSL	151°, 99%, 60%
HSV	151°, 79%, 100%
XYZ	43.0570, 74.1641, 43.9952
YIQ	182.8430, -88.6590, -72.7790

Conversions

Conversions Part 2

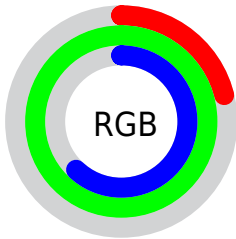
Format	Color
RYB	53, 185, 254
Decimal	3538589
CIELab	89.00, -68.58, 33.18
CIElCh	89, 76.183, 154.184
Yxy	74.1641, 0.2671, 0.4600
Android (android.graphics.Color)	4281728669 (0xFF35FE9D)
YUV	182.8430, -12.7406, -113.8723
Hunter-Lab	86.1186, -61.4623, 29.9937

Details

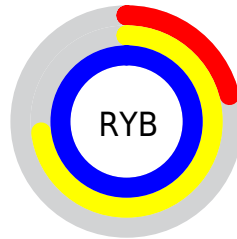
The CIELCh color **89, 76.183, 154.184** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **58, 78.961, 356.556**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 45.710, 167.453**, and **70, 70.486, 150.909** is the 20% darker color. If you saturate the color by 10%, you get **89, 82.369, 152.042**, and if you desaturate by 10%, it is **90, 68.970, 156.111**.

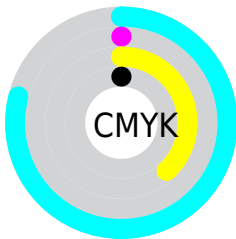
Distribution



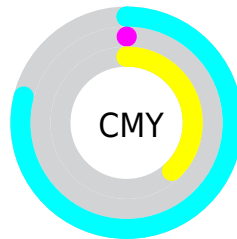
- Red (21%)
- Green (100%)
- Blue (62%)



- Red (21%)
- Yellow (73%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)




- Cyan (79%)
- Magenta (0%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 76.183, 154.184 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, 76.183, 154.184 by changing the saturation by 10% instead.


 89, 76.183,
154.184

 89, 76.183,
154.184


 100, 76.183,
154.184


 79, 76.183,
154.184

 69, 76.183,
154.184

 59, 76.183,
154.184

 49, 76.183,
154.184

 39, 76.183,
154.184


 29, 76.183,
154.184


 19, 76.183,


154.184


 9, 76.183, 154.184

 0, 76.183, 154.184


 89, 76.183,
154.184


 89, 76.183,
154.184


 89, 82.369,
152.042


 90, 68.970,
156.111

 88, 87.641,
149.743

 90, 60.758,
157.822


 88, 88.118,
149.531

 91, 51.658,
159.330

 93, 41.835,
160.661

 94, 31.477,

161.840

 96, 20.770,
162.894

 98, 9.884, 163.859

100, 0.550,
323.898

Harmonies

Complementary

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



89, 76.183, 154.184



58, 78.961, 356.556

Rectangle

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



89, 76.183, 154.184



89, 76.183, 204.184



89, 76.183, 334.184



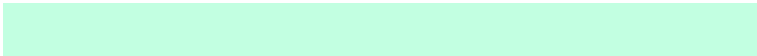
89, 76.183, 24.184

Sweetspot

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



89, 76.184, 154.184



95, 26.171, 162.386



91, 98.661, 127.060



50, 17.934, 162.004



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, 76.184, 154.184



89, 85.819, 150.677



90, 46.674, 198.732



52, 6.224, 163.816



68, 70.540, 149.960



23, 30.450, 153.196

Inverse Universe

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



58, 78.961, 356.556



55, 83.907, 2.401



56, 87.423, 34.419



50, 6.311, 345.352



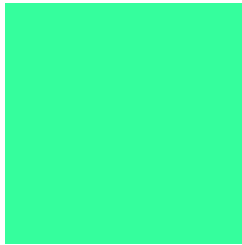
41, 68.098, 3.753



10, 31.718, 357.889

Previews

White Background



This preview shows how the CIE LCh color 89, 76.183, 154.184 looks on a white background.

Color Contrast Check

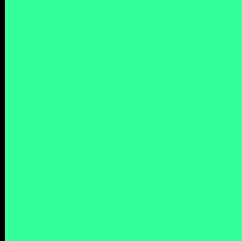
Large Text (above 18pt) WCAG AA × Fail

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, 76.183, 154.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

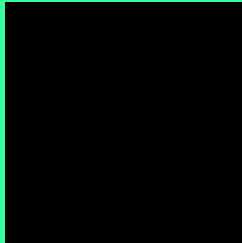
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 76.183, 154.184

Background



This preview shows how black text looks on a background with the CIELCh color 89, 76.183, 154.184.

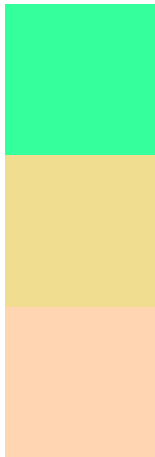


This preview shows how white text looks on a background with the CIELCh color 89, 76.183, 154.184.

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
89, 76.183, 154.184

Protanopia
88, 40.432, 95.207

Deuteranopia
88, 25.329, 68.881



Tritanopia
89, 31.735, 213.935

Trichromacy



Original Color
89, 76.183, 154.184



Protanomaly
87, 48.795, 134.381



Deuteranomaly
86, 35.365, 137.385



Tritanomaly
88, 44.008, 179.228

Monochromacy



Original Color
89, 76.183, 154.184



Achromatopsia
74, 0.009, 296.813



Achromatomaly
78, 32.023, 161.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 76.183, 154.184 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(53, 254, 157)` looks like.

```
.text, #text, p{  
    color:rgb(53, 254, 157)  
}
```

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(53, 254, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 254, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 76.183, 154.184 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(53, 254, 157) }
```

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

```
.border{ border-color:rgb(53, 254, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 254, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 254, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 254, 157);  
box-shadow:4px 4px 4px 4px rgb(53, 254,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 76.183, 154.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 254, 157) }
```

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

```
.background{ background-color: rgb(53, 254,  
157) }
```

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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