

Converting Colors

CIELCh(89, 76.669, 154.232)

Have a look what the booklet for
CIELCh(89, 76.669, 154.232)
contains.

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Color

CIELCh(89, 76.425, 154.318)

Conversions

Conversions Part 1

Format	Color
Hex	32FE9D
RGB	50, 254, 157
RGB Percent	20%, 100%, 62%
CMY	0.8022, 0.0030, 0.3835
CMYK	0.80, 0.00, 0.38, 0.00
HSL	151°, 99%, 60%
HSV	151°, 80%, 100%
XYZ	42.9577, 74.1641, 44.0449
YIQ	181.9460, -90.4470, -73.4150

Conversions

Conversions Part 2

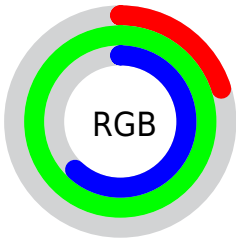
Format	Color
RYB	50, 184, 254
Decimal	3341981
CIELab	89.00, -68.88, 33.12
CIELCh	89, 76.425, 154.318
Yxy	74.1641, 0.2665, 0.4602
Android (android.graphics.Color)	4281532061 (0xFF32FE9D)
YUV	181.9460, -12.2984, -115.7166
Hunter-Lab	86.1186, -61.6681, 29.9595

Details

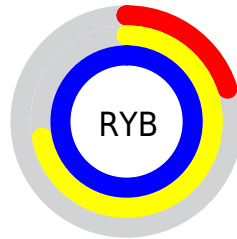
The CIELCh color **89, 76.425, 154.318** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **58, 79.351, 357.434**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 46.130, 167.709**, and **70, 70.486, 150.909** is the 20% darker color. If you saturate the color by 10%, you get **89, 82.438, 152.153**, and if you desaturate by 10%, it is **90, 69.392, 156.270**.

Distribution



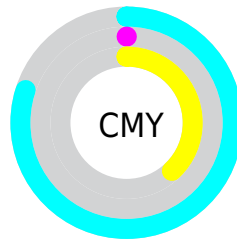
- Red (20%)
- Green (100%)
- Blue (62%)



- Red (20%)
- Yellow (72%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 76.425, 154.318 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, 76.425, 154.318 by changing the saturation by 10% instead.


 89, 76.425,
154.318

 89, 76.425,
154.318


 100, 76.425,
154.318


 79, 76.425,
154.318

 69, 76.425,
154.318

 59, 76.425,
154.318

 49, 76.425,
154.318

 39, 76.425,
154.318


 29, 76.425,
154.318


 19, 76.425,


154.318


 9, 76.425, 154.318


 0, 76.425, 154.318


 89, 76.425,
154.318


 89, 76.425,
154.318

 89, 82.438,
152.153

 90, 69.392,
156.270

 88, 87.509,
149.888


 90, 61.353,
158.004


 91, 52.411,
159.535


 93, 42.725,
160.885


 94, 32.479,

162.082

 96, 21.861,
163.152

 98, 11.041,
164.127

 100, 0.165,
167.949

 100, 0.481,
323.815

Harmonies

Complementary

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



89, 76.425, 154.318



58, 79.351, 357.434

Rectangle

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



89, 76.425, 154.318



89, 76.425, 204.318



89, 76.425, 334.318



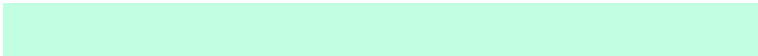
89, 76.425, 24.318

Sweetspot

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



89, 76.426, 154.318



95, 26.035, 162.754



91, 99.557, 127.106



50, 17.840, 162.371



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, 76.426, 154.318



89, 85.713, 150.802



90, 46.905, 198.740



52, 6.194, 164.189



68, 70.032, 150.318



23, 30.243, 153.554

Inverse Universe

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



58, 79.351, 357.434



55, 83.950, 3.483



56, 88.660, 34.799



50, 6.282, 345.733



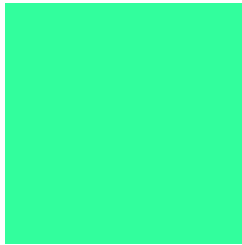
41, 68.057, 4.409



10, 31.664, 358.441

Previews

White Background



This preview shows how the CIELCh color 89, 76.425, 154.318 looks on a white background.

Color Contrast Check

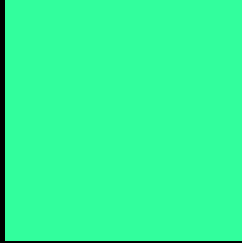
Large Text (above 18pt) WCAG AA × Fail

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, 76.425, 154.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

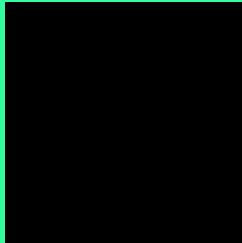
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 76.425, 154.318

Background



This preview shows how black text looks on a background with the CIELCh color 89, 76.425, 154.318.

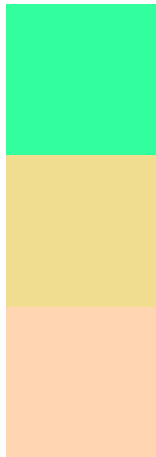


This preview shows how white text looks on a background with the CIELCh color 89, 76.425, 154.318.

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, 76.425, 154.318

Protanopia
88, 40.432, 95.207

Deuteranopia
88, 25.329, 68.881

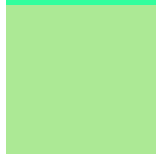


Tritanopia
89, 31.735, 213.935

Trichromacy



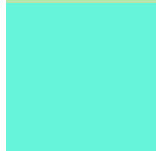
Original Color
89, 76.425, 154.318



Protanomaly
87, 48.972, 134.733



Deuteranomaly
86, 35.553, 137.865



Tritanomaly
88, 44.190, 179.288

Monochromacy



Original Color
89, 76.425, 154.318



Achromatopsia
74, 0.009, 296.813



Achromatomaly
78, 32.298, 161.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 76.425, 154.318 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, 254, 157)` looks like.

```
.text, #text, p{  
    color:rgb(50, 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(50, 254, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 254, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 76.425, 154.318 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, 254, 157) }
```

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

```
.border{ border-color:rgb(50, 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(50, 254, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 254, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 254, 157);  
box-shadow:4px 4px 4px 4px rgb(50, 254,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 76.425, 154.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 254, 157) }
```

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

```
.background{ background-color: rgb(50, 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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