

Converting Colors

CIELCh(89, 89.744, 142.523)

Have a look what the booklet for
CIELCh(89, 89.744, 142.523)
contains.

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Color

CIELCh(89, 89.744, 142.523)

Conversions

Conversions Part 1

Format	Color
Hex	54FE70
RGB	84, 254, 112
RGB Percent	33%, 100%, 44%
CMY	0.6690, 0.0027, 0.5596
CMYK	0.67, 0.00, 0.56, 0.00
HSL	130°, 99%, 66%
HSV	130°, 67%, 100%
XYZ	42.1748, 74.1641, 27.5058
YIQ	186.9820, -55.7380, -80.2020

Conversions

Conversions Part 2

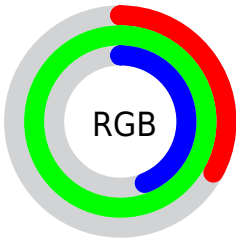
Format	Color
RYB	84, 230, 254
Decimal	5570160
CIELab	89.00, -71.22, 54.60
CIELCh	89, 89.744, 142.523
Yxy	74.1641, 0.2932, 0.5156
Android (android.graphics.Color)	4283760240 (0xFF54FE70)
YUV	186.9820, -36.9661, -90.3152
Hunter-Lab	86.1186, -63.2909, 41.3461

Details

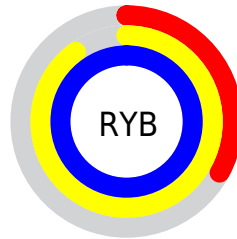
The CIELCh color **89, 89.744, 142.523** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **64, 87.439, 333.651**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 58.121, 145.612**, and **69, 87.414, 140.936** is the 20% darker color. If you saturate the color by 10%, you get **88, 99.672, 140.988**, and if you desaturate by 10%, it is **90, 78.276, 143.954**.

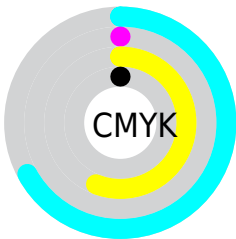
Distribution



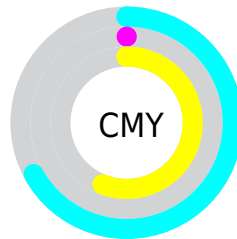
- Red (33%)
- Green (100%)
- Blue (44%)



- Red (33%)
- Yellow (90%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)





- Cyan (67%)
- Magenta (0%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 89.744, 142.523 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, 89.744, 142.523 by changing the saturation by 10% instead.


 89, 89.744,
142.523


 89, 89.744,
142.523


 100, 89.744,
142.523


 79, 89.744,
142.523

 69, 89.744,
142.523

 59, 89.744,
142.523

 49, 89.744,
142.523

 39, 89.744,
142.523


 29, 89.744,
142.523


 19, 89.744,

142.523


 9, 89.744, 142.523

 0, 89.744, 142.523


 89, 89.744,
142.523


 89, 89.744,
142.523


 88, 99.672,
140.988


 90, 78.276,
143.954


 88, 107.723,
139.428

 91, 65.622,
145.237

 88, 113.632,
137.971

 92, 52.132,
146.363

 88, 115.088,
137.584

 94, 38.126,
147.338

 96, 23.883,

148.179

 98, 9.625, 148.916

100, 0.431,
323.739

Harmonies

Complementary

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



89, 89.744, 142.523



64, 87.439, 333.651

Rectangle

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



89, 89.744, 142.523



89, 89.744, 192.523



89, 89.744, 322.523



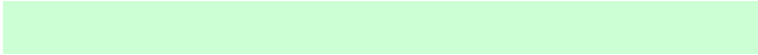
89, 89.744, 12.523

Sweetspot

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



89, 89.745, 142.523



96, 28.493, 147.924



95, 80.414, 111.538



50, 19.446, 147.689



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, 89.745, 142.523



88, 102.671, 140.487



90, 59.199, 164.428



52, 8.064, 148.724



68, 92.340, 137.829



23, 40.269, 140.096

Inverse Universe

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



64, 87.439, 333.651



61, 96.913, 334.597



61, 68.606, 3.237



50, 8.085, 329.861



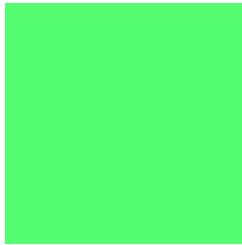
44, 81.865, 336.075



12, 38.237, 334.978

Previews

White Background



This preview shows how the CIELCh color 89, 89.744, 142.523 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, 89.744, 142.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

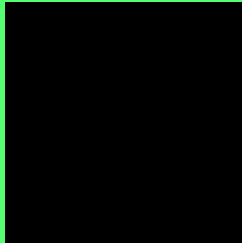
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 89.744, 142.523

Background



This preview shows how black text looks on a background with the CIELCh color 89, 89.744, 142.523.

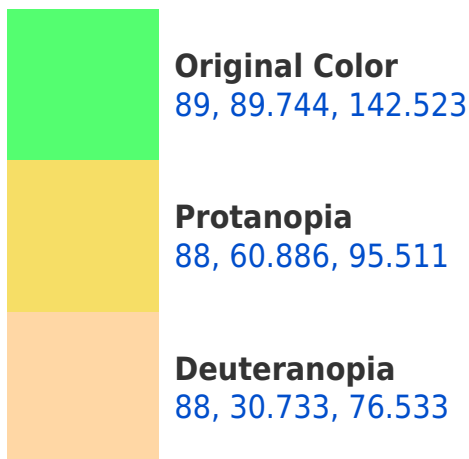


This preview shows how white text looks on a background with the CIELCh color 89, 89.744, 142.523.

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



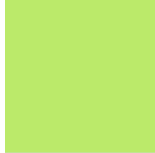


Tritanopia
89, 30.053, 216.051

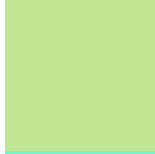
Trichromacy



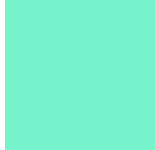
Original Color
89, 89.744, 142.523



Protanomaly
87, 66.149, 121.550



Deuteranomaly
87, 44.753, 124.936

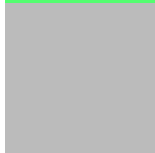


Tritanomaly
88, 44.892, 168.768

Monochromacy



Original Color
89, 89.744, 142.523



Achromatopsia
76, 0.009, 296.813



Achromatomaly
79, 35.320, 147.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 89.744, 142.523 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(84, 254, 112)` looks like.

```
.text, #text, p{  
    color:rgb(84, 254, 112)  
}
```

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(84, 254, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 254, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 89.744, 142.523 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(84, 254, 112) }
```

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

```
.border{ border-color:rgb(84, 254, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 254, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 254, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 254, 112);  
box-shadow:4px 4px 4px 4px rgb(84, 254,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 89.744, 142.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 254, 112) }
```

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

```
.background{ background-color: rgb(84, 254,  
112) }
```

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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