

Converting Colors

CIELCh(89, 57.915, 142.398)

Have a look what the booklet for
CIELCh(89, 57.915, 142.398)
contains.

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Color

CIELCh(89, 57.753, 142.368)

Conversions

Conversions Part 1

Format	Color
Hex	97F59A
RGB	151, 245, 154
RGB Percent	59%, 96%, 60%
CMY	0.4081, 0.0395, 0.3963
CMYK	0.38, 0.00, 0.37, 0.04
HSL	122°, 82%, 78%
HSV	122°, 38%, 96%
XYZ	51.2068, 74.1641, 42.1585
YIQ	206.5200, -26.8130, -48.2290

Conversions

Conversions Part 2

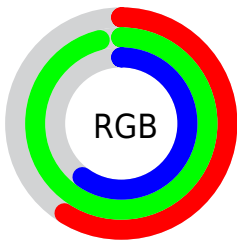
Format	Color
RYB	151, 242, 245
Decimal	9958810
CIELab	89.00, -45.74, 35.26
CIELCh	89, 57.753, 142.368
Yxy	74.1641, 0.3057, 0.4427
Android (android.graphics.Color)	4288148890 (0xFF97F59A)
YUV	206.5200, -25.8924, -48.6910
Hunter-Lab	86.1186, -44.5701, 31.2582

Details

The CIELCh color **89, 57.753, 142.368** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 57.655, 327.423**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 29.021, 143.830**, and **69, 57.580, 142.424** is the 20% darker color. If you saturate the color by 10%, you get **88, 71.881, 141.299**, and if you desaturate by 10%, it is **91, 42.944, 143.311**.

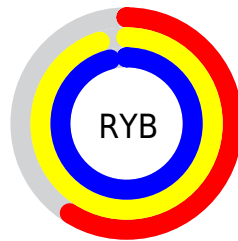
Distribution



Red (59%)

Green (96%)

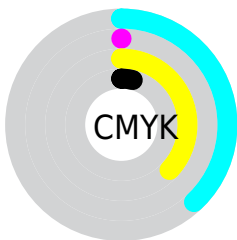
Blue (60%)



Red (59%)

Yellow (95%)

Blue (96%)

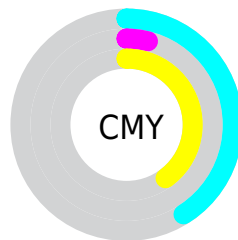


Cyan (38%)

Magenta (0%)

Yellow (37%)

Black (4%)



Cyan (41%)

Magenta (4%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 57.753, 142.368 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, 57.753, 142.368 by changing the saturation by 10% instead.


 89, 57.753,
142.368

 89, 57.753,
142.368

 100, 57.753,
142.368

 79, 57.753,
142.368

 69, 57.753,
142.368

 59, 57.753,
142.368

 49, 57.753,
142.368

 39, 57.753,
142.368

 29, 57.753,
142.368

 19, 57.753,


142.368


 9, 57.753, 142.368

 0, 57.753, 142.368


 89, 57.753,
142.368


 89, 57.753,
142.368


 88, 71.881,
141.299


 91, 42.944,
143.311

 87, 84.889,
140.127

 92, 27.804,
144.126


 86, 96.262,
138.913

 95, 12.611,
144.831


 85, 105.432,
137.765


 97, 2.432, 325.266

 98, 6.270, 324.611

 85, 111.870,

136.828

 85, 115.333,
136.242

 85, 115.664,
136.198

Harmonies

Complementary

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



89, 57.753, 142.368



75, 57.655, 327.423

Rectangle

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



89, 57.753, 142.368



89, 57.753, 192.368



89, 57.753, 322.368



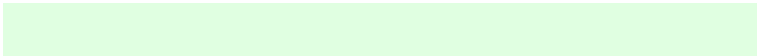
89, 57.753, 12.368

Sweetspot

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



89, 57.754, 142.368



97, 18.706, 144.584



95, 47.174, 107.216



52, 12.416, 144.493



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, 57.754, 142.368



91, 70.871, 141.553



90, 39.958, 160.731



50, 8.557, 144.757



66, 93.963, 136.273



20, 40.436, 137.974

Inverse Universe

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



75, 57.655, 327.423



74, 70.559, 327.817



73, 42.025, 348.459



48, 8.571, 325.814



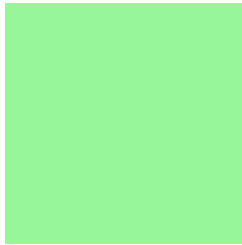
44, 88.971, 329.545



11, 39.689, 329.366

Previews

White Background



This preview shows how the CIELCh color 89, 57.753, 142.368 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, 57.753, 142.368 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, 57.753, 142.368

Background



This preview shows how black text looks on a background with the CIELCh color 89, 57.753, 142.368.

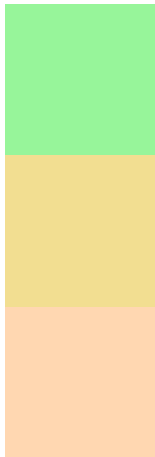


This preview shows how white text looks on a background with the CIELCh color 89, 57.753, 142.368.

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, 57.753, 142.368

Protanopia
89, 40.401, 95.227

Deuteranopia
88, 25.461, 70.236



Tritanopia
89, 21.849, 225.411

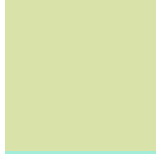
Trichromacy



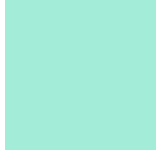
Original Color
89, 57.753, 142.368



Protanomaly
88, 42.651, 117.916

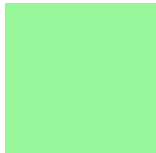


Deuteranomaly
88, 29.590, 114.499

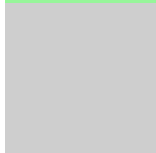


Tritanomaly
89, 27.430, 173.989

Monochromacy



Original Color
89, 57.753, 142.368



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 21.445, 144.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 57.753, 142.368 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(151, 245, 154)` looks like.

```
.text, #text, p{  
    color:rgb(151, 245, 154)  
}
```

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(151, 245, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 245, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 57.753, 142.368 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(151, 245, 154) }
```

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

```
.border{ border-color:rgb(151, 245, 154) }
```

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

Here you see how a box with a 4 pixel rgb(151, 245, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 245, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 245, 154);  
box-shadow:4px 4px 4px 4px rgb(151, 245,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 57.753, 142.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 245, 154) }
```

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

```
.background{ background-color: rgb(151,  
245, 154) }
```

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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