

Converting Colors

CIELCh(89, 57.205, 139.057)

Have a look what the booklet for
CIELCh(89, 57.205, 139.057)
contains.

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Color

CIELCh(89, 57.128, 139.064)

Conversions

Conversions Part 1

Format	Color
Hex	A0F496
RGB	160, 244, 150
RGB Percent	63%, 96%, 59%
CMY	0.3737, 0.0443, 0.4128
CMYK	0.34, 0.00, 0.39, 0.04
HSL	114°, 81%, 77%
HSV	114°, 39%, 96%
XYZ	52.1873, 74.1641, 40.3054
YIQ	208.1680, -19.8900, -47.0420

Conversions

Conversions Part 2

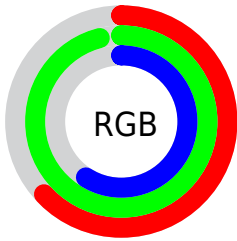
Format	Color
RYB	150, 244, 234
Decimal	10548374
CIELab	89.00, -43.16, 37.43
CIELCh	89, 57.128, 139.064
Yxy	74.1641, 0.3131, 0.4450
Android (android.graphics.Color)	4288738454 (0xFFFA0F496)
YUV	208.1680, -28.6768, -42.2433
Hunter-Lab	86.1186, -42.5376, 32.5340

Details

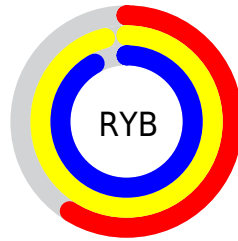
The CIELCh color $89, 57.128, 139.064$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $73, 57.532, 323.371$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 29.023, 136.664$, and $69, 56.829, 138.999$ is the 20% darker color. If you saturate the color by 10%, you get $88, 71.147, 138.226$, and if you desaturate by 10%, it is $91, 42.511, 139.834$.

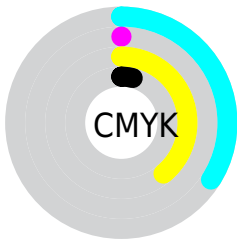
Distribution



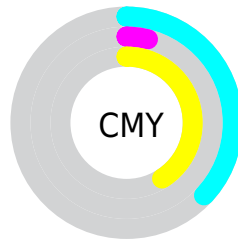
- Red (63%)
- Green (96%)
- Blue (59%)



- Red (59%)
- Yellow (96%)
- Blue (92%)



- Cyan (34%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (37%)
- Magenta (4%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 57.128, 139.064 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, 57.128, 139.064 by changing the saturation by 10% instead.

■ 89, 57.128,
139.064

■ 89, 57.128,
139.064

■ 100, 57.128,
139.064

■ 79, 57.128,
139.064

■ 69, 57.128,
139.064

■ 59, 57.128,
139.064

■ 49, 57.128,
139.064

■ 39, 57.128,
139.064


■ 29, 57.128,
139.064


■ 19, 57.128,

139.064


 9, 57.128, 139.064

 0, 57.128, 139.064


 89, 57.128,
139.064


 89, 57.128,
139.064


 88, 71.147,
138.226


 91, 42.511,
139.834

 87, 84.140,
137.360


 92, 27.612,
140.518

 86, 95.572,
136.549

 94, 12.675,
141.120


 85, 104.812,
135.912


 96, 2.126, 321.479

 85, 111.259,

 97, 7.030, 324.642

135.586

 84, 114.737,
135.611

 84, 115.097,
135.610

Harmonies

Complementary

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



89, 57.128, 139.064



73, 57.532, 323.371

Rectangle

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



89, 57.128, 139.064



89, 57.128, 189.064



89, 57.128, 319.064



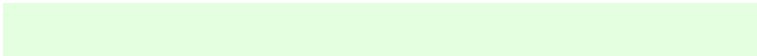
89, 57.128, 9.064

Sweetspot

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



89, 57.130, 139.065



97, 18.469, 140.919



91, 42.426, 100.765



52, 12.259, 140.841



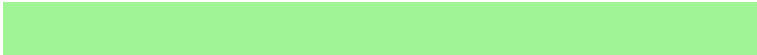
0, 0.000, 0.000



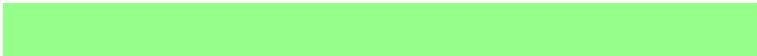
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 57.130, 139.065



92, 70.153, 138.436



89, 44.549, 154.308



50, 8.450, 141.067



66, 93.907, 135.516



21, 40.214, 135.801

Inverse Universe

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



73, 57.532, 323.371



72, 70.620, 323.684



73, 45.555, 341.133



48, 8.479, 321.979



41, 91.898, 324.118



9, 40.804, 324.649

Previews

White Background



This preview shows how the CIELCh color 89, 57.128, 139.064 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, 57.128, 139.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

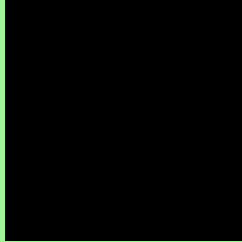
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 57.128, 139.064

Background



This preview shows how black text looks on a background with the CIELCh color 89, 57.128, 139.064.

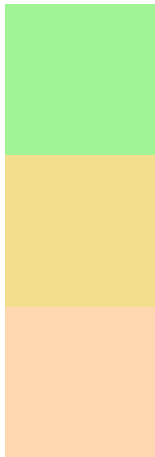


This preview shows how white text looks on a background with the CIELCh color 89, 57.128, 139.064.

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, 57.128, 139.064

Protanopia

88, 42.356, 95.552

Deuteranopia

88, 25.886, 70.867

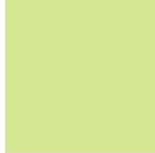


Tritanopia
89, 19.395, 227.530

Trichromacy



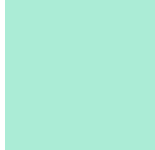
Original Color
89, 57.128, 139.064



Protanomaly
88, 44.357, 115.830



Deuteranomaly
88, 30.466, 111.306

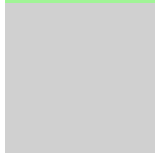


Tritanomaly
89, 25.227, 170.643

Monochromacy



Original Color
89, 57.128, 139.064



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 21.239, 141.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 57.128, 139.064 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(160, 244, 150)` looks like.

```
.text, #text, p{  
    color:rgb(160, 244, 150)  
}
```

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(160, 244, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 244, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 57.128, 139.064 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(160, 244, 150) }
```

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

```
.border{ border-color:rgb(160, 244, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 244, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 244, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 244, 150);  
box-shadow:4px 4px 4px 4px rgb(160, 244,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 57.128, 139.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 244, 150) }
```

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

```
.background{ background-color: rgb(160,  
244, 150) }
```

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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