

Converting Colors

CIELCh(89, 58.786, 157.313)

Have a look what the booklet for
CIELCh(89, 58.786, 157.313)
contains.

CIELCh(89, 58.914, 157.262)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 58.914, 157.262)

Conversions

Conversions Part 1

Format	Color
Hex	6BF9B2
RGB	107, 249, 178
RGB Percent	42%, 98%, 70%
CMY	0.5800, 0.0231, 0.3016
CMYK	0.57, 0.00, 0.29, 0.02
HSL	150°, 92%, 70%
HSV	150°, 57%, 98%
XYZ	48.0285, 74.1641, 53.9523
YIQ	198.4480, -61.8410, -52.1850

Conversions

Conversions Part 2

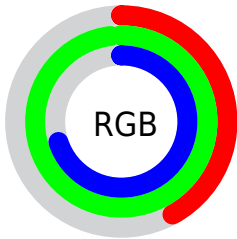
Format	Color
RYB	107, 202, 249
Decimal	7076274
CIELab	89.00, -54.34, 22.77
CIELCh	89, 58.914, 157.262
Yxy	74.1641, 0.2727, 0.4210
Android (android.graphics.Color)	4285266354 (0xFF6BF9B2)
YUV	198.4480, -10.0809, -80.1999
Hunter-Lab	86.1186, -51.1579, 23.1385

Details

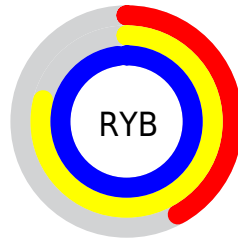
The CIELCh color **89, 58.914, 157.262** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **65, 62.251, 350.235**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 30.681, 176.772**, and **69, 59.137, 157.134** is the 20% darker color. If you saturate the color by 10%, you get **88, 67.366, 155.599**, and if you desaturate by 10%, it is **90, 49.623, 158.726**.

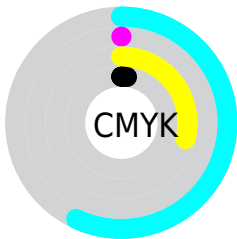
Distribution



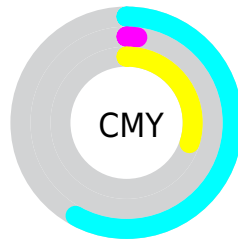
- Red (42%)
- Green (98%)
- Blue (70%)



- Red (42%)
- Yellow (79%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (2%)




- Cyan (58%)
- Magenta (2%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 58.914, 157.262 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, 58.914, 157.262 by changing the saturation by 10% instead.

 89, 58.914,
157.262

 89, 58.914,
157.262

 100, 58.914,
157.262

 79, 58.914,
157.262

 69, 58.914,
157.262

 59, 58.914,
157.262

 49, 58.914,
157.262

 39, 58.914,
157.262


 29, 58.914,
157.262

 19, 58.914,


157.262


 9, 58.914, 157.262

 0, 58.914, 157.262


 89, 58.914,
157.262


 89, 58.914,
157.262


 88, 67.366,
155.599


 90, 49.623,
158.726


 87, 74.847,
153.722

 91, 39.661,
160.016

 87, 81.306,
151.630

 93, 29.220,
161.159

 87, 86.796,
149.355

 95, 18.482,
162.181

 87, 88.328,

 97, 7.610, 163.125

148.678

 98, 2.832, 337.113

 99, 3.670, 324.485

Harmonies

Complementary

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



89, 58.914, 157.262



65, 62.251, 350.235

Rectangle

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



89, 58.914, 157.262



89, 58.914, 207.262



89, 58.914, 337.262



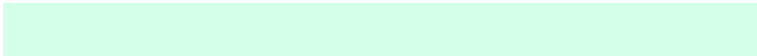
89, 58.914, 27.262

Sweetspot

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



89, 58.915, 157.262



97, 18.834, 162.179



91, 74.342, 125.904



51, 12.591, 161.981



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, 58.915, 157.262



90, 69.444, 155.406



91, 39.965, 195.141



51, 6.198, 162.891



67, 71.070, 149.103



22, 30.048, 152.500

Inverse Universe

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



65, 62.251, 350.235



62, 72.807, 352.422



63, 60.498, 25.707



49, 6.278, 344.402



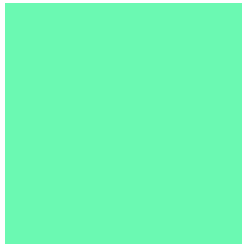
41, 67.574, 2.061



10, 31.066, 356.210

Previews

White Background



This preview shows how the CIE LCh color 89, 58.914, 157.262 looks on a white background.

Color Contrast Check

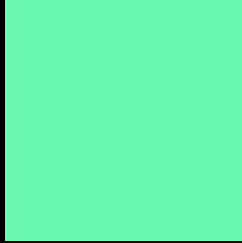
Large Text (above 18pt) WCAG AA × Fail

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, 58.914, 157.262 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, 58.914, 157.262

Background



This preview shows how black text looks on a background with the CIELCh color 89, 58.914, 157.262.

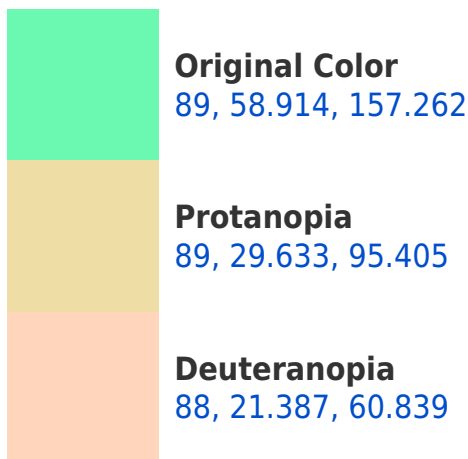


This preview shows how white text looks on a background with the CIELCh color 89, 58.914, 157.262.

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, 29.157, 216.685

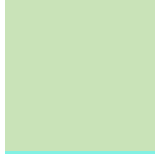
Trichromacy



Original Color
89, 58.914, 157.262



Protanomaly
88, 35.749, 133.769



Deuteranomaly
87, 24.387, 131.809

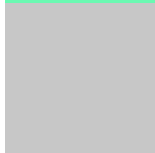


Tritanomaly
89, 35.304, 185.085

Monochromacy



Original Color
89, 58.914, 157.262



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 22.961, 161.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 58.914, 157.262 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(107, 249, 178)` looks like.

```
.text, #text, p{  
    color:rgb(107, 249, 178)  
}
```

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(107, 249, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 249, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 58.914, 157.262 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(107, 249, 178) }
```

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

```
.border{ border-color:rgb(107, 249, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 249, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 249, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 249, 178);  
box-shadow:4px 4px 4px 4px rgb(107, 249,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 58.914, 157.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 249, 178) }
```

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

```
.background{ background-color: rgb(107,  
249, 178) }
```

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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