

Converting Colors

CIELCh(91, 59.122, 157.404)

Have a look what the booklet for
CIELCh(91, 59.122, 157.404)
contains.

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Color

CIELCh(91, 59.005, 157.579)

Conversions

Conversions Part 1

Format	Color
Hex	70FFB8
RGB	112, 255, 184
RGB Percent	44%, 100%, 72%
CMY	0.5605, 0.0000, 0.2781
CMYK	0.56, 0.00, 0.28, 0.00
HSL	150°, 100%, 72%
HSV	150°, 56%, 100%
XYZ	51.1364, 78.4833, 57.8410
YIQ	204.1490, -62.4370, -52.3970

Conversions

Conversions Part 2

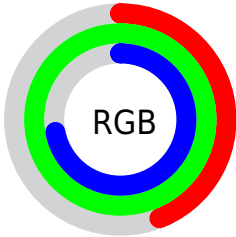
Format	Color
RYB	112, 207, 255
Decimal	7405496
CIELab	91.00, -54.54, 22.51
CIELCh	91, 59.005, 157.579
Yxy	78.4833, 0.2728, 0.4187
Android (android.graphics.Color)	4285595576 (0xFF70FFB8)
YUV	204.1490, -9.9335, -80.8147
Hunter-Lab	88.5908, -52.0001, 23.3031

Details

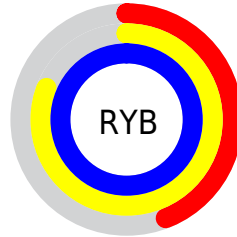
The CIELCh color **91, 59.005, 157.579** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **67, 62.403, 350.326**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 28.005, 181.583**, and **71, 58.775, 157.793** is the 20% darker color. If you saturate the color by 10%, you get **90, 67.618, 155.949**, and if you desaturate by 10%, it is **92, 49.463, 159.046**.

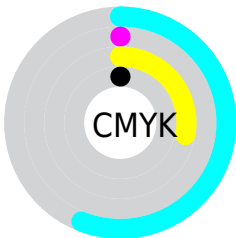
Distribution



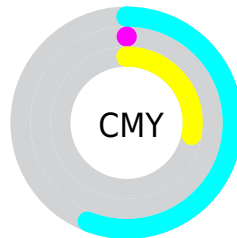
- Red (44%)
- Green (100%)
- Blue (72%)



- Red (44%)
- Yellow (81%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (56%)
- Magenta (0%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 59.005, 157.579 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 91, 59.005, 157.579 by changing the saturation by 10% instead.


 91, 59.005,
157.579


 91, 59.005,
157.579


 100, 59.005,
157.579


 81, 59.005,
157.579

 71, 59.005,
157.579

 61, 59.005,
157.579


 51, 59.005,
157.579

 41, 59.005,
157.579


 31, 59.005,
157.579


 21, 59.005,


157.579


 11, 59.005,
157.579


 1, 59.005, 157.579


 91, 59.005,
157.579


 91, 59.005,
157.579

 90, 67.618,
155.949

 92, 49.463,
159.046

 89, 75.293,
154.088

 93, 39.298,
160.325

 89, 81.929,
152.010

 95, 28.658,
161.458

 89, 87.566,
149.743

 97, 17.730,
162.474

■ 88, 89.608,
148.840

■ 99, 6.677, 163.421
100, 0.012,
296.813

Harmonies

Complementary

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



91, 59.005, 157.579



67, 62.403, 350.326

Rectangle

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



91, 59.005, 157.579



91, 59.005, 207.579



91, 59.005, 337.579



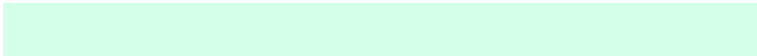
91, 59.005, 27.579

Sweetspot

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



91, 58.963, 157.596



97, 18.781, 162.381



93, 74.965, 126.526



51, 12.555, 162.183



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 58.963, 157.596



90, 68.394, 155.781



93, 39.986, 196.973



52, 6.284, 163.093



68, 71.535, 149.272



23, 30.857, 152.505

Inverse Universe

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



67, 62.403, 350.326



62, 71.934, 352.467



65, 60.914, 26.643



50, 6.367, 344.612



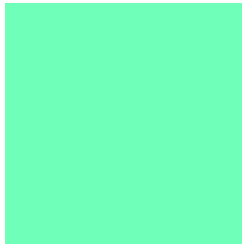
41, 68.209, 2.470



10, 31.834, 356.812

Previews

White Background



This preview shows how the CIE LCh color 91, 59.005, 157.579 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 91, 59.005, 157.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

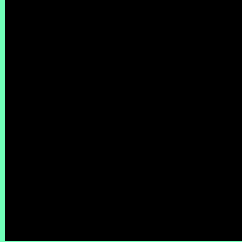
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 59.005, 157.579

Background



This preview shows how black text looks on a background with the CIELCh color 91, 59.005, 157.579.

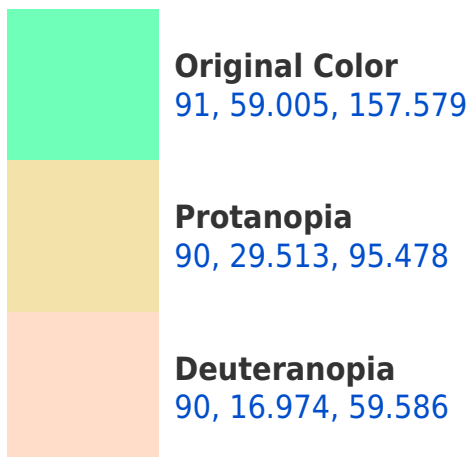


This preview shows how white text looks on a background with the CIELCh color 91, 59.005, 157.579.

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
91, 23.798, 217.301

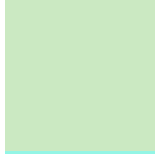
Trichromacy



Original Color
91, 59.005, 157.579



Protanomaly
90, 35.149, 134.166



Deuteranomaly
89, 23.076, 137.098

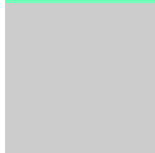


Tritanomaly
90, 32.532, 182.422

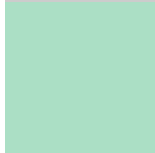
Monochromacy



Original Color
91, 59.005, 157.579



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 23.119, 161.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 59.005, 157.579 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(112, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(112, 255, 184)  
}
```

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(112, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 59.005, 157.579 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(112, 255, 184) }
```

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

```
.border{ border-color:rgb(112, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(112, 255,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 59.005, 157.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 184) }
```

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

```
.background{ background-color: rgb(112,  
255, 184) }
```

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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