

Converting Colors

CIELCh(91, 61.422, 157.973)

Have a look what the booklet for
CIELCh(91, 61.422, 157.973)
contains.

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Color

CIELCh(91, 60.896, 158.220)

Conversions

Conversions Part 1

Format	Color
Hex	68FFB8
RGB	104, 255, 184
RGB Percent	41%, 100%, 72%
CMY	0.5922, 0.0000, 0.2791
CMYK	0.59, 0.00, 0.28, 0.00
HSL	152°, 100%, 70%
HSV	152°, 59%, 100%
XYZ	50.3840, 78.4833, 57.7446
YIQ	201.7570, -67.2050, -54.0930

Conversions

Conversions Part 2

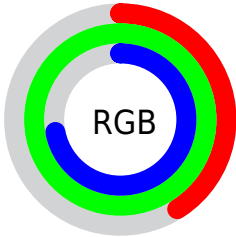
Format	Color
RYB	104, 203, 255
Decimal	6881208
CIELab	91.00, -56.55, 22.60
CIELCh	91, 60.896, 158.220
Yxy	78.4833, 0.2700, 0.4206
Android (android.graphics.Color)	4285071288 (0xFF68FFB8)
YUV	201.7570, -8.7542, -85.7329
Hunter-Lab	88.5908, -53.5161, 23.3676

Details

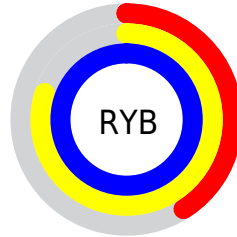
The CIELCh color **91, 60.896, 158.220** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **65, 64.653, 352.558**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 29.900, 182.488**, and **71, 60.120, 158.630** is the 20% darker color. If you saturate the color by 10%, you get **90, 68.532, 156.696**, and if you desaturate by 10%, it is **92, 51.443, 159.925**.

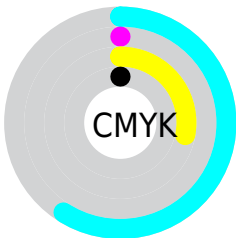
Distribution



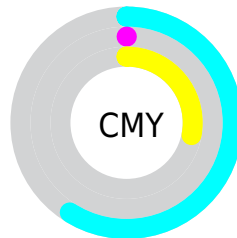
- Red (41%)
- Green (100%)
- Blue (72%)



- Red (41%)
- Yellow (80%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (59%)
- Magenta (0%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 60.896, 158.220 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, 60.896, 158.220 by changing the saturation by 10% instead.


 91, 60.896,
158.220


 91, 60.896,
158.220


 100, 60.896,
158.220


 81, 60.896,
158.220

 71, 60.896,
158.220

 61, 60.896,
158.220


 51, 60.896,
158.220

 41, 60.896,
158.220


 31, 60.896,
158.220


 21, 60.896,


158.220


 11, 60.896,
158.220


 1, 60.896, 158.220


 91, 60.896,
158.220


 91, 60.896,
158.220


 90, 68.532,
156.696


 92, 51.443,
159.925


 89, 75.629,
154.764

 93, 41.722,
161.261

 89, 81.703,
152.618

 95, 31.455,
162.447

 89, 86.878,
150.314

 96, 20.829,
163.509

■ 89, 87.263,
150.139

■ 98, 10.012,
164.481

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, 60.896, 158.220



65, 64.653, 352.558

Rectangle

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



91, 60.896, 158.220



91, 60.896, 208.220



91, 60.896, 338.220



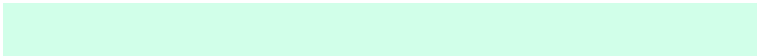
91, 60.896, 28.220

Sweetspot

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



91, 60.434, 158.411



96, 19.514, 163.631



93, 79.080, 127.020



51, 13.543, 163.337



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, 60.434, 158.411



90, 69.868, 156.369



92, 40.648, 198.789



52, 6.172, 164.454



68, 69.674, 150.573



23, 30.098, 153.810

Inverse Universe

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



65, 64.653, 352.558



60, 74.129, 355.199



64, 64.086, 28.356



50, 6.263, 346.004



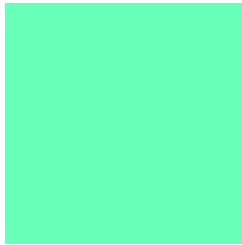
41, 68.035, 4.872



10, 31.628, 358.832

Previews

White Background



This preview shows how the CIELCh color 91, 60.896, 158.220 looks on a white background.

Color Contrast Check

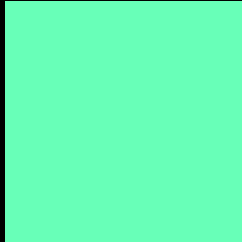
Large Text (above 18pt) WCAG AA × Fail

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, 60.896, 158.220 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, 60.896, 158.220

Background



This preview shows how black text looks on a background with the CIELCh color 91, 60.896, 158.220.

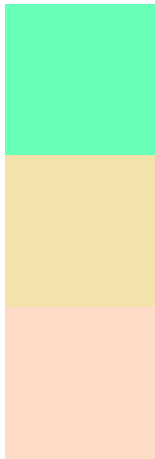


This preview shows how white text looks on a background with the CIELCh color 91, 60.896, 158.220.

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
91, 60.368, 158.471

Protanopia
90, 29.130, 94.547

Deuteranopia
90, 17.295, 58.768



Tritanopia
90, 24.817, 216.427

Trichromacy



Original Color
91, 60.368, 158.471



Protanomaly
89, 35.673, 135.665



Deuteranomaly
89, 24.082, 138.699



Tritanomaly
90, 33.777, 182.892

Monochromacy



Original Color
91, 60.368, 158.471



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 23.966, 162.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 60.896, 158.220 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(104, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(104, 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(104, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 255, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 60.896, 158.220 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(104, 255, 184) }
```

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

```
.border{ border-color:rgb(104, 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(104, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(104, 255,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 60.896, 158.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 255, 184) }
```

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

```
.background{ background-color: rgb(104,  
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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