

Converting Colors

CIELCh(91, 41.426, 192.492)

Have a look what the booklet for
CIELCh(91, 41.426, 192.492)
contains.

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Color

CIELCh(91, 41.402, 192.480)

Conversions

Conversions Part 1

Format	Color
Hex	68FBF5
RGB	104, 251, 245
RGB Percent	41%, 98%, 96%
CMY	0.5924, 0.0159, 0.0394
CMYK	0.59, 0.00, 0.02, 0.02
HSL	178°, 95%, 70%
HSV	178°, 59%, 98%
XYZ	56.6505, 78.4833, 98.5007
YIQ	206.3630, -85.6860, -33.0300

Conversions

Conversions Part 2

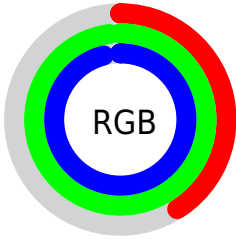
Format	Color
RYB	104, 179, 251
Decimal	6880245
CIELab	91.00, -40.42, -8.95
CIElCh	91, 41.402, 192.480
Yxy	78.4833, 0.2425, 0.3359
Android (android.graphics.Color)	4285070325 (0xFF68FBF5)
YUV	206.3630, 19.0480, -89.7724
Hunter-Lab	88.5908, -40.8899, -3.9087

Details

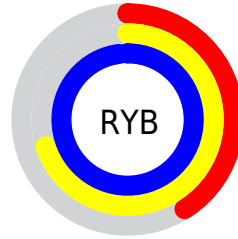
The CIELCh color **91, 41.402, 192.480** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **63, 62.155, 24.426**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.292, 197.735**, and **71, 41.438, 192.490** is the 20% darker color. If you saturate the color by 10%, you get **90, 45.410, 191.935**, and if you desaturate by 10%, it is **92, 36.322, 193.036**.

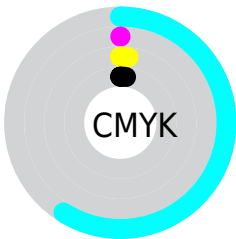
Distribution



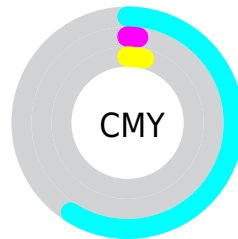
- Red (41%)
- Green (98%)
- Blue (96%)



- Red (41%)
- Yellow (70%)
- Blue (98%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)





- Cyan (59%)
- Magenta (2%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 41.402, 192.480 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, 41.402, 192.480 by changing the saturation by 10% instead.


 91, 41.402,
192.480


 91, 41.402,
192.480


 100, 41.402,
192.480


 81, 41.402,
192.480

 71, 41.402,
192.480

 61, 41.402,
192.480

 51, 41.402,
192.480

 41, 41.402,
192.480

 31, 41.402,
192.480

 21, 41.402,

192.480

■ 11, 41.402,
192.480

■ 1, 41.402, 192.480

■ 91, 41.402,
192.480

■ 91, 41.402,
192.480

■ 90, 45.410,
191.935

■ 92, 36.322,
193.036

■ 90, 48.316,
191.396

■ 93, 30.252,
193.614

■ 90, 50.164,
190.849

■ 94, 23.317,
194.217

■ 90, 51.111,
190.284

■ 95, 15.657,
194.850

90, 51.214,
190.204

97, 7.420, 195.536

99, 1.253, 15.588

99, 1.554, 356.556

99, 1.825, 341.392

99, 2.188, 330.700

Harmonies

Complementary

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



91, 41.402, 192.480



63, 62.155, 24.426

Rectangle

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



91, 41.402, 192.480



91, 41.402, 242.480



91, 41.402, 12.480



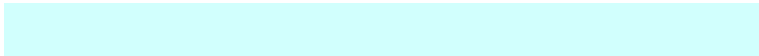
91, 41.402, 62.480

Sweetspot

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



91, 41.402, 192.478



97, 15.389, 194.887



89, 87.429, 138.440



51, 10.602, 194.699



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, 41.402, 192.478



92, 46.469, 191.855



73, 40.603, 261.801



51, 4.888, 195.468



69, 41.312, 190.306



23, 18.605, 191.050

Inverse Universe

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



63, 62.155, 24.426



59, 76.229, 28.021



76, 51.275, 63.106



49, 5.169, 16.639



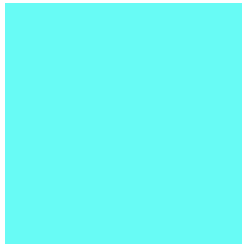
39, 81.628, 38.413



9, 31.901, 24.505

Previews

White Background



This preview shows how the CIE LCh color 91, 41.402, 192.480 looks on a white background.

Color Contrast Check

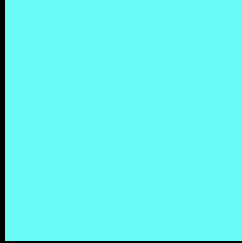
Large Text (above 18pt) WCAG AA × Fail

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, 41.402, 192.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

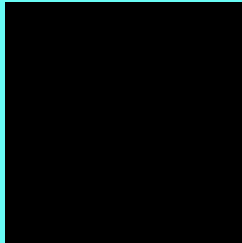
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 41.402, 192.480

Background



This preview shows how black text looks on a background with the CIELCh color 91, 41.402, 192.480.

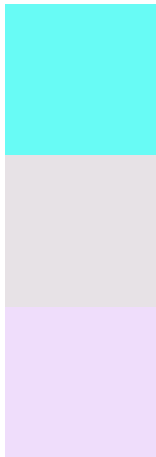


This preview shows how white text looks on a background with the CIELCh color 91, 41.402, 192.480.

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, 41.402, 192.480

Protanopia
90, 2.759, 330.538

Deuteranopia
90, 16.873, 312.983

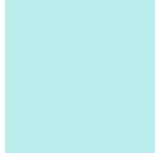


Tritanopia
91, 24.983, 215.006

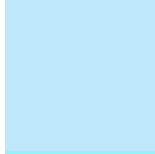
Trichromacy



Original Color
91, 41.402, 192.480



Protanomaly
90, 16.733, 198.327



Deuteranomaly
90, 16.100, 232.158

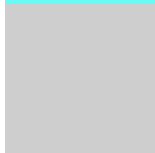


Tritanomaly
91, 31.024, 203.307

Monochromacy



Original Color
91, 41.402, 192.480



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 17.914, 194.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 41.402, 192.480 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, 251, 245)` looks like.

```
.text, #text, p{  
    color:rgb(104, 251, 245)  
}
```

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, 251, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 251, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 41.402, 192.480 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, 251, 245) }
```

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

```
.border{ border-color:rgb(104, 251, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 251, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 251, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 251, 245);  
box-shadow:4px 4px 4px 4px rgb(104, 251,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 41.402, 192.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 251, 245) }
```

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

```
.background{ background-color: rgb(104,  
251, 245) }
```

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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