

Converting Colors

CIELCh(91, 48.368, 194.356)

Have a look what the booklet for
CIELCh(91, 48.368, 194.356)
contains.

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Color

CIELCh(91, 48.302, 194.599)

Conversions

Conversions Part 1

Format	Color
Hex	32FEFB
RGB	50, 254, 251
RGB Percent	20%, 100%, 98%
CMY	0.8043, 0.0041, 0.0159
CMYK	0.80, 0.00, 0.01, 0.00
HSL	179°, 99%, 60%
HSV	179°, 80%, 100%
XYZ	54.1365, 78.4833, 103.5144
YIQ	192.6620, -120.6210, -44.1810

Conversions

Conversions Part 2

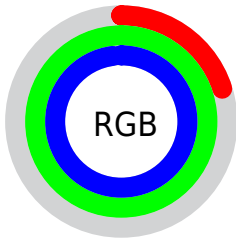
Format	Color
RYB	50, 153, 254
Decimal	3342075
CIELab	91.00, -46.74, -12.17
CIELCh	91, 48.302, 194.599
Yxy	78.4833, 0.2293, 0.3324
Android (android.graphics.Color)	4281532155 (0xFF32FEFB)
YUV	192.6620, 28.7606, -125.1146
Hunter-Lab	88.5908, -45.9553, -7.2642

Details

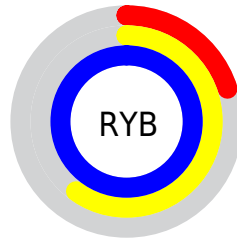
The CIELCh color **91, 48.302, 194.599** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **56, 88.535, 33.544**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.582, 197.234**, and **72, 41.576, 194.833** is the 20% darker color. If you saturate the color by 10%, you get **91, 49.833, 194.339**, and if you desaturate by 10%, it is **91, 45.721, 194.891**.

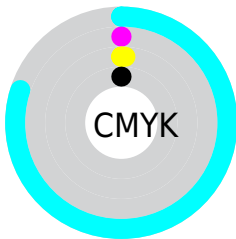
Distribution



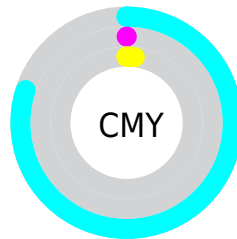
- Red (20%)
- Green (100%)
- Blue (98%)



- Red (20%)
- Yellow (60%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 48.302, 194.599 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, 48.302, 194.599 by changing the saturation by 10% instead.


 91, 48.302,
194.599


 91, 48.302,
194.599


 100, 48.302,
194.599


 81, 48.302,
194.599

 71, 48.302,
194.599

 61, 48.302,
194.599

 51, 48.302,
194.599

 41, 48.302,
194.599

 31, 48.302,
194.599

 21, 48.302,

194.599

■ 11, 48.302,
194.599

■ 1, 48.302, 194.599

■ 91, 48.302,
194.599

■ 91, 48.302,
194.599

■ 91, 49.833,
194.339

■ 91, 45.721,
194.891

■ 91, 50.520,
194.110

■ 92, 42.029,
195.227

■ 93, 37.234,
195.609

■ 94, 31.407,
196.041

■ 95, 24.659,
196.523

■ 96, 17.130,
197.053

■ 98, 8.965, 197.644

■ 100, 0.308,
200.296

■ 100, 0.420,
351.833

Harmonies

Complementary

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



91, 48.302, 194.599



56, 88.535, 33.544

Rectangle

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



91, 48.302, 194.599



91, 48.302, 244.599



91, 48.302, 14.599



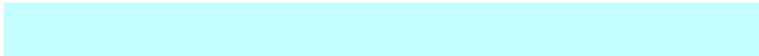
91, 48.302, 64.599

Sweetspot

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



91, 48.301, 194.598



96, 20.027, 196.853



88, 111.230, 136.853



51, 13.584, 196.665



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, 48.301, 194.598



91, 50.449, 194.203



63, 57.449, 274.275



52, 4.952, 197.699



70, 40.811, 194.148



24, 18.749, 194.414

Inverse Universe

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



56, 88.535, 33.544



54, 102.028, 38.806



71, 72.918, 63.198



49, 5.252, 18.753



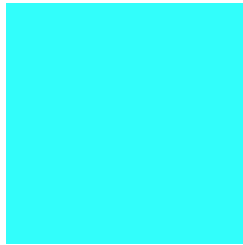
40, 83.561, 39.420



10, 33.245, 26.591

Previews

White Background



This preview shows how the CIE LCh color 91, 48.302, 194.599 looks on a white background.

Color Contrast Check

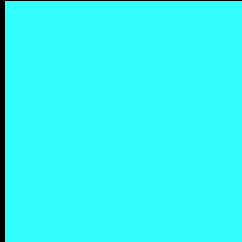
Large Text (above 18pt) WCAG AA × Fail

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, 48.302, 194.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

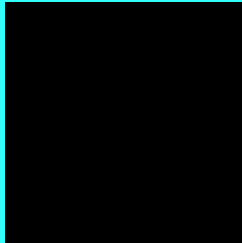
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 48.302, 194.599

Background



This preview shows how black text looks on a background with the CIELCh color 91, 48.302, 194.599.

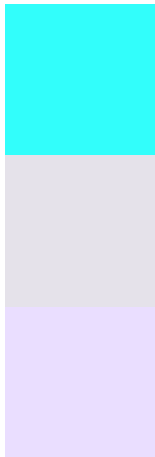


This preview shows how white text looks on a background with the CIELCh color 91, 48.302, 194.599.

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, 48.302, 194.599

Protanopia
90, 4.310, 304.742

Deuteranopia
90, 17.715, 304.880



Tritanopia
91, 26.926, 212.459

Trichromacy



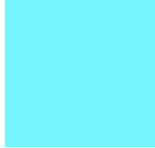
Original Color
91, 48.302, 194.599



Protanomaly
89, 23.101, 203.151



Deuteranomaly
89, 23.006, 225.342

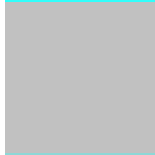


Tritanomaly
90, 36.546, 203.776

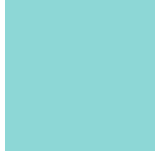
Monochromacy



Original Color
91, 48.302, 194.599



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 24.057, 196.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 48.302, 194.599 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(50, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(50, 254, 251)  
}
```

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(50, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 254, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 48.302, 194.599 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(50, 254, 251) }
```

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

```
.border{ border-color:rgb(50, 254, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 254, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(50, 254,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 48.302, 194.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 254, 251) }
```

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

```
.background{ background-color: rgb(50, 254,  
251) }
```

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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