

Converting Colors

CIELCh(91, 50.725, 192.698)

Have a look what the booklet for
CIELCh(91, 50.725, 192.698)
contains.

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Color

CIELCh(91, 50.702, 192.766)

Conversions

Conversions Part 1

Format	Color
Hex	10FFF9
RGB	16, 255, 249
RGB Percent	6%, 100%, 98%
CMY	0.9366, 0.0000, 0.0235
CMYK	0.94, 0.00, 0.02, 0.00
HSL	178°, 100%, 53%
HSV	178°, 94%, 100%
XYZ	53.0830, 78.4833, 101.9886
YIQ	182.8550, -140.5180, -52.5340

Conversions

Conversions Part 2

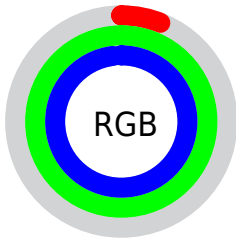
Format	Color
<code>RYB</code>	<code>16, 137, 255</code>
Decimal	<code>1114105</code>
CIELab	<code>91.00, -49.45, -11.20</code>
CIELCh	<code>91, 50.702, 192.766</code>
Yxy	<code>78.4833, 0.2273, 0.3360</code>
Android (<code>android.graphics.Color</code>)	<code>4279304185</code> (<code>0xFF10FFF9</code>)
YUV	<code>182.8550, 32.6095, -146.3318</code>
Hunter-Lab	<code>88.5908, -48.0780, -6.2430</code>

Details

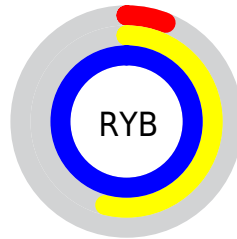
The CIELCh color **91, 50.702, 192.766** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **54, 100.149, 37.819**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.890, 197.097**, and **72, 41.911, 193.304** is the 20% darker color. If you saturate the color by 10%, you get **91, 51.115, 192.542**, and if you desaturate by 10%, it is **91, 49.424, 193.152**.

Distribution



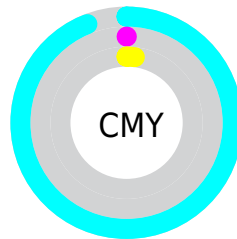
- Red (6%)
- Green (100%)
- Blue (98%)



- Red (6%)
- Yellow (54%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (94%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 50.702, 192.766 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, 50.702, 192.766 by changing the saturation by 10% instead.


 91, 50.702,
192.766


 91, 50.702,
192.766


 100, 50.702,
192.766


 81, 50.702,
192.766

 71, 50.702,
192.766

 61, 50.702,
192.766

 51, 50.702,
192.766

 41, 50.702,
192.766

 31, 50.702,
192.766

 21, 50.702,

192.766

■ 11, 50.702,
192.766

■ 1, 50.702, 192.766

■ 91, 50.702,
192.766

■ 91, 50.702,
192.766

■ 91, 51.115,
192.542

■ 91, 49.424,
193.152

■ 92, 47.138,
193.539

■ 92, 43.749,
193.949

■ 93, 39.244,
194.390

■ 94, 33.680,
194.867

■ 95, 27.158,
195.383

■ 96, 19.812,
195.939

■ 98, 11.790,
196.541

■ 99, 3.238, 197.297

Harmonies

Complementary

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



91, 50.702, 192.766



54, 100.149, 37.819

Rectangle

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



91, 50.702, 192.766



91, 50.702, 242.766



91, 50.702, 12.766



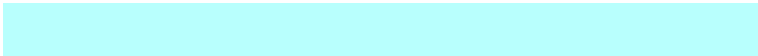
91, 50.702, 62.766

Sweetspot

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



91, 50.694, 192.778



95, 23.088, 195.693



88, 118.175, 136.052



50, 15.679, 195.456



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, 50.694, 192.778



91, 51.115, 192.542



59, 64.576, 278.591



52, 4.958, 196.815



70, 41.155, 192.607



24, 18.886, 193.053

Inverse Universe

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



54, 100.149, 37.819



53, 103.598, 39.315



67, 83.567, 58.907



49, 5.253, 17.917



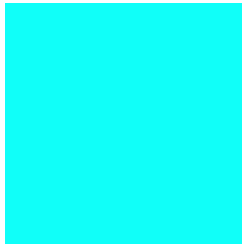
40, 83.117, 39.025



10, 33.161, 26.177

Previews

White Background



This preview shows how the CIE LCh color 91, 50.702, 192.766 looks on a white background.

Color Contrast Check

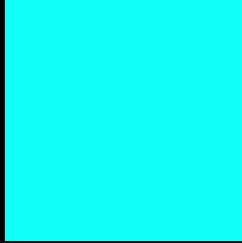
Large Text (above 18pt) WCAG AA × Fail

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, 50.702, 192.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

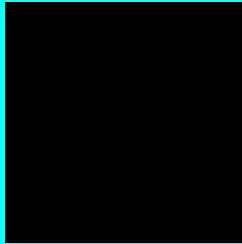
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 50.702, 192.766

Background



This preview shows how black text looks on a background with the CIELCh color 91, 50.702, 192.766.

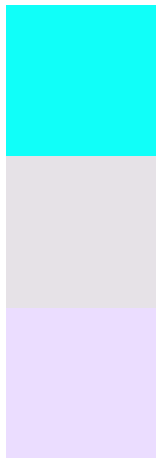


This preview shows how white text looks on a background with the CIELCh color 91, 50.702, 192.766.

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, 50.702, 192.766

Protanopia
90, 2.984, 318.829

Deuteranopia
90, 18.403, 306.608

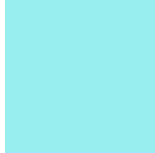


Tritanopia
91, 27.420, 212.162

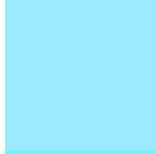
Trichromacy



Original Color
91, 50.702, 192.766



Protanomaly
89, 26.775, 198.805



Deuteranomaly
88, 25.662, 222.218

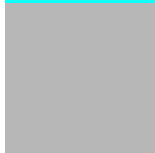


Tritanomaly
90, 39.256, 201.607

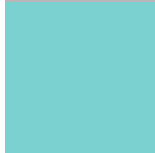
Monochromacy



Original Color
91, 50.702, 192.766



Achromatopsia
74, 0.009, 296.813



Achromatomaly
79, 27.633, 195.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 50.702, 192.766 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(16, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(16, 255, 249)  
}
```

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(16, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 255, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 50.702, 192.766 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(16, 255, 249) }
```

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

```
.border{ border-color:rgb(16, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(16, 255,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 50.702, 192.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 255, 249) }
```

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

```
.background{ background-color: rgb(16, 255,  
249) }
```

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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