

Converting Colors

CIELCh(92, 49.835, 167.915)

Have a look what the booklet for
CIELCh(92, 49.835, 167.915)
contains.

CIELCh(92, 49.355, 168.169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 49.355, 168.169)

Conversions

Conversions Part 1

Format	Color
Hex	75FFD3
RGB	117, 255, 211
RGB Percent	46%, 100%, 83%
CMY	0.5406, 0.0000, 0.1724
CMYK	0.54, 0.00, 0.17, 0.00
HSL	161°, 100%, 73%
HSV	161°, 54%, 100%
XYZ	55.2198, 80.7044, 74.3119
YIQ	208.7220, -68.1240, -42.9400

Conversions

Conversions Part 2

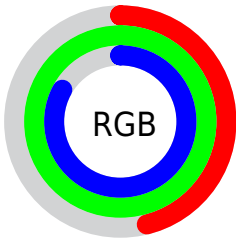
Format	Color
RYB	117, 199, 255
Decimal	7733203
CIELab	92.00, -48.31, 10.12
CIElCh	92, 49.355, 168.169
Yxy	80.7044, 0.2627, 0.3839
Android (android.graphics.Color)	4285923283 (0xFF75FFD3)
YUV	208.7220, 1.1231, -80.4402
Hunter-Lab	89.8356, -47.4927, 13.8404

Details

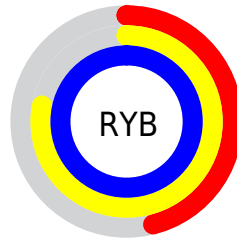
The CIELCh color **92, 49.355, 168.169** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **67, 56.686, 2.285**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.551, 197.904**, and **72, 48.818, 168.521** is the 20% darker color. If you saturate the color by 10%, you get **91, 55.800, 167.025**, and if you desaturate by 10%, it is **93, 40.960, 169.944**.

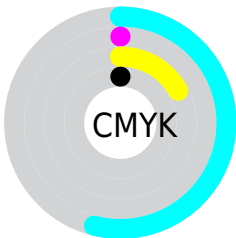
Distribution



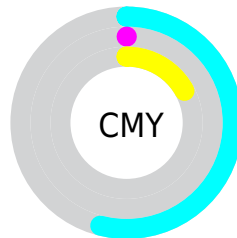
- Red (46%)
- Green (100%)
- Blue (83%)



- Red (46%)
- Yellow (78%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (54%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 49.355, 168.169 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 92, 49.355, 168.169 by changing the saturation by 10% instead.

 92, 49.355,
168.169


 92, 49.355,
168.169

 100, 49.355,
168.169


 82, 49.355,
168.169

 72, 49.355,
168.169

 62, 49.355,
168.169

 52, 49.355,
168.169

 42, 49.355,
168.169

 32, 49.355,
168.169

 22, 49.355,

168.169

■ 12, 49.355,
168.169

■ 2, 49.355, 168.169

■ 92, 49.355,
168.169

■ 92, 49.355,
168.169

■ 91, 55.800,
167.025

■ 93, 40.960,
169.944

■ 90, 61.808,
165.299

■ 94, 32.385,
171.187

■ 90, 66.802,
163.367

■ 96, 23.257,
172.321

■ 89, 70.837,
161.231

■ 97, 13.742,
173.372

■ 89, 72.907,
159.906

■ 99, 3.992, 174.429
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.



92, 49.355, 168.169



67, 56.686, 2.285

Rectangle

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



92, 49.355, 168.169



92, 49.355, 218.169



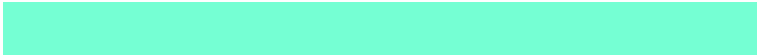
92, 49.355, 348.169



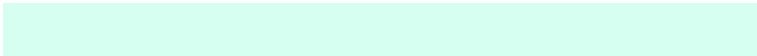
92, 49.355, 38.169

Sweetspot

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



92, 48.815, 168.565



97, 15.608, 173.173



92, 76.151, 131.991



51, 10.516, 172.960



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

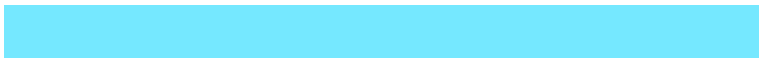
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 48.815, 168.565



91, 56.406, 166.872



86, 33.847, 218.557



52, 5.574, 173.836



69, 58.319, 160.324



23, 25.562, 163.376

Inverse Universe

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



67, 56.686, 2.285



62, 66.943, 5.120



70, 51.986, 37.439



50, 5.721, 355.510



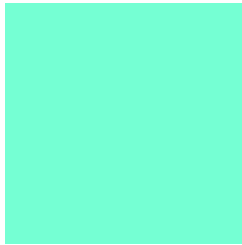
40, 70.071, 19.530



10, 31.390, 11.387

Previews

White Background



This preview shows how the CIE LCh color 92, 49.355, 168.169 looks on a white background.

Color Contrast Check

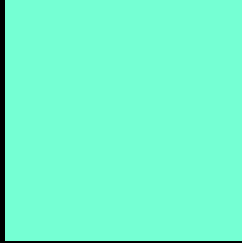
Large Text (above 18pt) WCAG AA × Fail

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 92, 49.355, 168.169 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 92, 49.355, 168.169

Background



This preview shows how black text looks on a background with the CIELCh color 92, 49.355, 168.169.

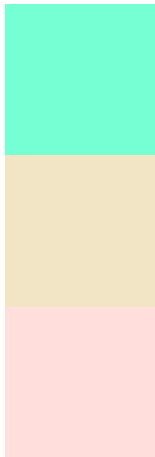


This preview shows how white text looks on a background with the CIELCh color 92, 49.355, 168.169.

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
92, 48.851, 168.566

Protanopia
91, 16.612, 93.018

Deuteranopia
91, 12.287, 27.418



Tritanopia
91, 21.860, 217.698

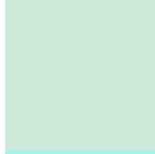
Trichromacy



Original Color
92, 48.851, 168.566



Protanomaly
90, 23.716, 148.200



Deuteranomaly
90, 14.013, 156.753

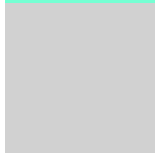


Tritanomaly
91, 29.415, 190.390

Monochromacy



Original Color
92, 48.851, 168.566



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 19.455, 172.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 49.355, 168.169 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(117, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 211)  
}
```

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(117, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 49.355, 168.169 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(117, 255, 211) }
```

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

```
.border{ border-color:rgb(117, 255, 211) }
```

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

Here you see how a box with a 4 pixel rgb(117, 255, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(117, 255,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 49.355, 168.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 211) }
```

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

```
.background{ background-color: rgb(117,  
255, 211) }
```

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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