

Converting Colors

CIELCh(92, 47.783, 166.902)

Have a look what the booklet for
CIELCh(92, 47.783, 166.902)
contains.

CIELCh(92, 47.584, 167.163)	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, 47.584, 167.163)

Conversions

Conversions Part 1

Format	Color
Hex	7DFFD2
RGB	125, 255, 210
RGB Percent	49%, 100%, 82%
CMY	0.5089, 0.0000, 0.1756
CMYK	0.51, 0.00, 0.18, 0.00
HSL	159°, 100%, 75%
HSV	159°, 51%, 100%
XYZ	55.9824, 80.7044, 73.7397
YIQ	211.0000, -63.0350, -41.5550

Conversions

Conversions Part 2

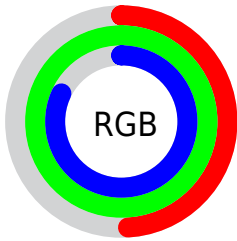
Format	Color
R _{YB}	125, 204, 255
Decimal	8257490
CIE _{Lab}	92.00, -46.39, 10.57
CIE _{LCh}	92, 47.584, 167.163
Y _{xy}	80.7044, 0.2660, 0.3835
Android (android.graphics.Color)	4286447570 (0xFF7DFFD2)
YUV	211.0000, -0.4930, -75.4220
Hunter-Lab	89.8356, -45.9775, 14.2180

Details

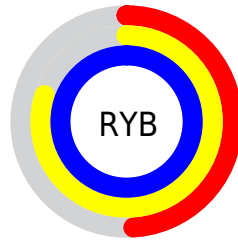
The CIELCh color **92, 47.584, 167.163** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **69, 53.857, 359.686**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.558, 198.027**, and **72, 47.676, 167.234** is the 20% darker color. If you saturate the color by 10%, you get **91, 55.010, 165.736**, and if you desaturate by 10%, it is **93, 39.116, 168.595**.

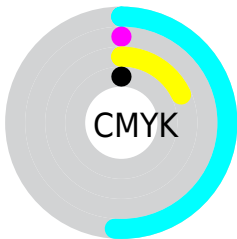
Distribution



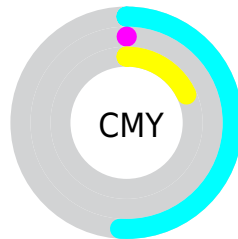
- Red (49%)
- Green (100%)
- Blue (82%)



- Red (49%)
- Yellow (80%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (51%)
- Magenta (0%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 47.584, 167.163 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, 47.584, 167.163 by changing the saturation by 10% instead.

 92, 47.584,
167.163


 92, 47.584,
167.163


 100, 47.584,
167.163


 82, 47.584,
167.163

 72, 47.584,
167.163

 62, 47.584,
167.163

 52, 47.584,
167.163

 42, 47.584,
167.163

 32, 47.584,
167.163

 22, 47.584,

167.163

■ 12, 47.584,
167.163

■ 2, 47.584, 167.163

■ 92, 47.584,
167.163

■ 92, 47.584,
167.163

■ 91, 55.010,
165.736

■ 93, 39.116,
168.595

■ 90, 61.614,
164.041

■ 94, 30.114,
169.811

■ 90, 67.211,
162.141

■ 96, 20.635,
170.919

■ 89, 71.823,
160.029

■ 98, 10.843,
171.950

■ 89, 75.336,
157.972

100, 0.882,
173.458

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.



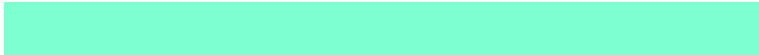
92, 47.584, 167.163



69, 53.857, 359.686

Rectangle

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



92, 47.584, 167.163



92, 47.584, 217.163



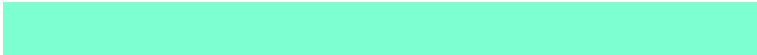
92, 47.584, 347.163



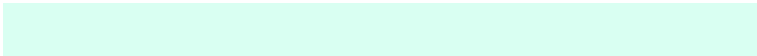
92, 47.584, 37.163

Sweetspot

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



92, 47.468, 167.245



97, 14.898, 171.532



92, 71.675, 131.644



51, 10.146, 171.315



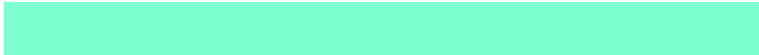
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 47.468, 167.245



91, 55.089, 165.718



88, 32.744, 215.801



52, 5.666, 172.090



69, 60.236, 158.397



23, 26.318, 161.512

Inverse Universe

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



69, 53.857, 359.686



64, 63.651, 2.012



71, 48.876, 35.820



50, 5.801, 353.755



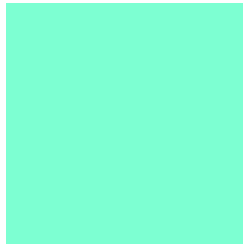
40, 69.349, 17.085



10, 31.319, 9.385

Previews

White Background



This preview shows how the CIE LCh color 92, 47.584, 167.163 looks on a white background.

Color Contrast Check

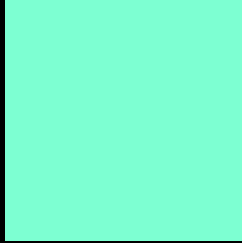
Large Text (above 18pt) WCAG AA × Fail

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, 47.584, 167.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

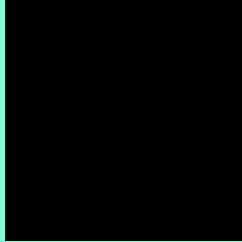
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

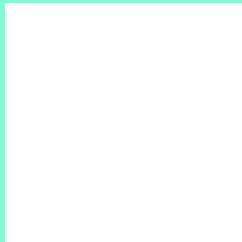
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 47.584, 167.163

Background



This preview shows how black text looks on a background with the CIELCh color 92, 47.584, 167.163.

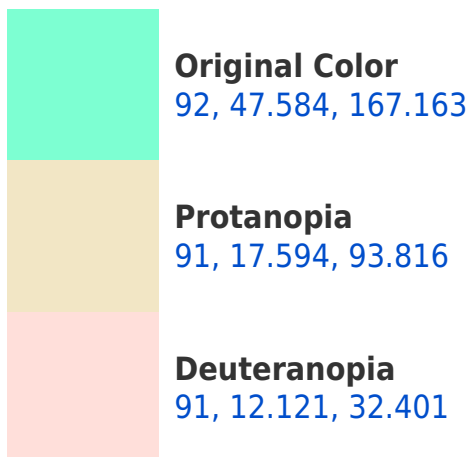



This preview shows how white text looks on a background with the CIELCh color 92, 47.584, 167.163.

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





Tritanopia
92, 20.793, 218.800

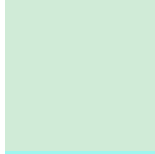
Trichromacy



Original Color
92, 47.584, 167.163



Protanomaly
91, 23.864, 144.814



Deuteranomaly
91, 14.248, 151.917

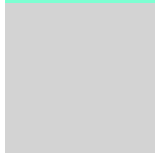


Tritanomaly
91, 28.090, 190.141

Monochromacy



Original Color
92, 47.584, 167.163



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 18.559, 171.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 47.584, 167.163 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(125, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(125, 255, 210)  
}
```

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(125, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 255, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 47.584, 167.163 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(125, 255, 210) }
```

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

```
.border{ border-color:rgb(125, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(125, 255,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 47.584, 167.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 255, 210) }
```

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

```
.background{ background-color: rgb(125,  
255, 210) }
```

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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