

Converting Colors

CIELCh(92, 46.512, 167.133)

Have a look what the booklet for
CIELCh(92, 46.512, 167.133)
contains.

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Color

CIELCh(92, 46.445, 167.183)

Conversions

Conversions Part 1

Format	Color
Hex	81FFD3
RGB	129, 255, 211
RGB Percent	51%, 100%, 83%
CMY	0.4951, 0.0009, 0.1735
CMYK	0.49, 0.00, 0.17, 0.00
HSL	159°, 100%, 75%
HSV	159°, 49%, 100%
XYZ	56.4271, 80.7044, 74.0789
YIQ	212.3100, -60.9720, -40.3960

Conversions

Conversions Part 2

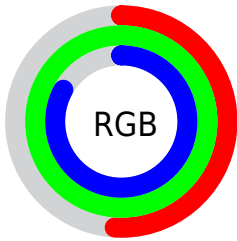
Format	Color
RYB	129, 205, 255
Decimal	8519635
CIELab	92.00, -45.29, 10.30
CIElCh	92, 46.445, 167.183
Yxy	80.7044, 0.2672, 0.3821
Android (android.graphics.Color)	4286709715 (0xFF81FFD3)
YUV	212.3100, -0.6458, -73.0629
Hunter-Lab	89.8356, -45.0938, 13.9941

Details

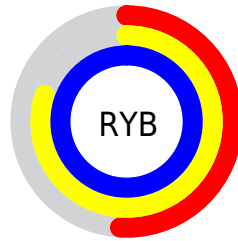
The CIELCh color **92, 46.445, 167.183** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **69, 52.421, 359.110**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.687, 198.082**, and **72, 46.794, 166.725** is the 20% darker color. If you saturate the color by 10%, you get **91, 54.148, 165.694**, and if you desaturate by 10%, it is **93, 37.958, 168.513**.

Distribution



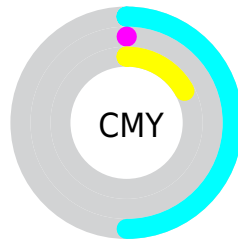
- Red (51%)
- Green (100%)
- Blue (83%)



- Red (51%)
- Yellow (80%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 46.445, 167.183 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, 46.445, 167.183 by changing the saturation by 10% instead.


 92, 46.445,
167.183


 92, 46.445,
167.183


 100, 46.445,
167.183


 82, 46.445,
167.183

 72, 46.445,
167.183

 62, 46.445,
167.183

 52, 46.445,
167.183

 42, 46.445,
167.183

 32, 46.445,
167.183

 22, 46.445,

167.183

■ 12, 46.445,
167.183

■ 2, 46.445, 167.183

■ 92, 46.445,
167.183

■ 92, 46.445,
167.183

■ 91, 54.148,
165.694

■ 93, 37.958,
168.513

■ 90, 60.929,
164.024

■ 95, 28.849,
169.713

■ 90, 66.711,
162.150

■ 96, 19.291,
170.807

■ 89, 71.499,
160.063

■ 98, 9.444, 171.832

100, 0.158,

■ 89, 75.452,
157.807

322.489

■ 89, 75.657,
157.686

Harmonies

Complementary

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



92, 46.445, 167.183



69, 52.421, 359.110

Rectangle

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



92, 46.445, 167.183



92, 46.445, 217.183



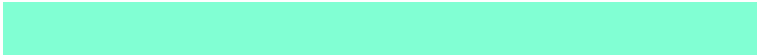
92, 46.445, 347.183



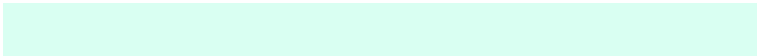
92, 46.445, 37.183

Sweetspot

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



92, 46.446, 167.182



97, 14.937, 171.270



92, 69.746, 131.713



51, 10.174, 171.053



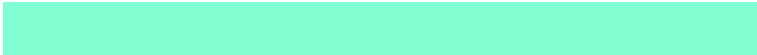
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 46.446, 167.182



91, 53.853, 165.766



88, 32.058, 215.670



52, 5.680, 171.827



69, 60.532, 158.112



23, 26.435, 161.234

Inverse Universe

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



69, 52.421, 359.110



65, 61.860, 1.209



72, 47.208, 35.683



50, 5.814, 353.490



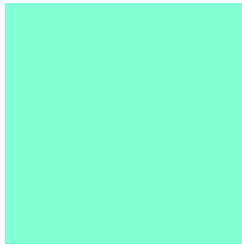
40, 69.251, 16.705



10, 31.311, 9.065

Previews

White Background



This preview shows how the CIE LCh color 92, 46.445, 167.183 looks on a white background.

Color Contrast Check

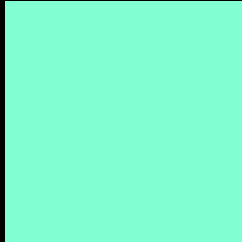
Large Text (above 18pt) WCAG AA × Fail

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, 46.445, 167.183 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, 46.445, 167.183

Background



This preview shows how black text looks on a background with the CIELCh color 92, 46.445, 167.183.

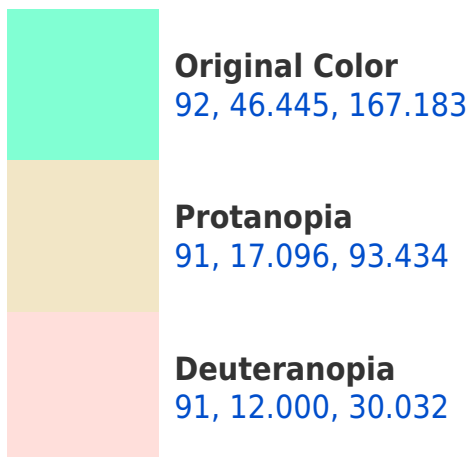



This preview shows how white text looks on a background with the CIELCh color 92, 46.445, 167.183.

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, 20.524, 219.096

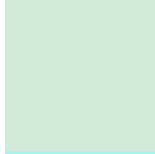
Trichromacy



Original Color
92, 46.445, 167.183



Protanomaly
91, 23.227, 144.883



Deuteranomaly
91, 13.617, 152.327

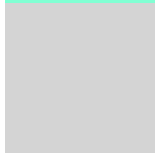


Tritanomaly
92, 27.550, 190.031

Monochromacy



Original Color
92, 46.445, 167.183



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 18.252, 170.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 46.445, 167.183 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(129, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 255, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 46.445, 167.183 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(129, 255, 211) }
```

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

```
.border{ border-color:rgb(129, 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(129, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(129, 255,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 46.445, 167.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 255, 211) }
```

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

```
.background{ background-color: rgb(129,  
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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