

Converting Colors

CIELCh(92, 40.933, 196.893)

Have a look what the booklet for
CIELCh(92, 40.933, 196.893)
contains.

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Color

CIELCh(92, 41.156, 196.164)

Conversions

Conversions Part 1

Format	Color
Hex	69FEFD
RGB	105, 254, 253
RGB Percent	41%, 100%, 99%
CMY	0.5898, 0.0053, 0.0092
CMYK	0.59, 0.00, 0.00, 0.01
HSL	180°, 98%, 70%
HSV	180°, 59%, 99%
XYZ	58.7788, 80.7044, 105.1125
YIQ	209.3350, -88.4830, -31.8990

Conversions

Conversions Part 2

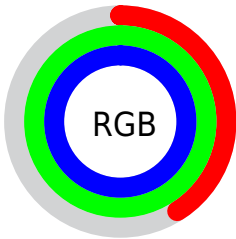
Format	Color
RYB	105, 180, 254
Decimal	6946557
CIELab	92.00, -39.53, -11.46
CIElCh	92, 41.156, 196.164
Yxy	80.7044, 0.2403, 0.3300
Android (android.graphics.Color)	4285136637 (0xFF69FEFD)
YUV	209.3350, 21.5268, -91.5018
Hunter-Lab	89.8356, -40.4210, -6.4875

Details

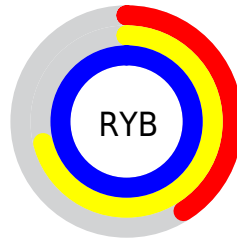
The CIELCh color **92, 41.156, 196.164** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **63, 63.788, 26.878**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.023, 197.751**, and **72, 41.300, 195.613** is the 20% darker color. If you saturate the color by 10%, you get **91, 44.980, 195.885**, and if you desaturate by 10%, it is **93, 36.236, 196.499**.

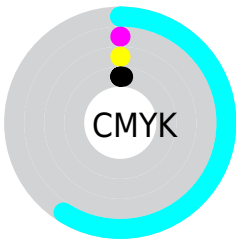
Distribution



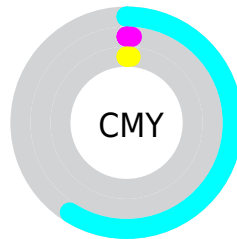
- Red (41%)
- Green (100%)
- Blue (99%)



- Red (41%)
- Yellow (71%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (59%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 41.156, 196.164 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, 41.156, 196.164 by changing the saturation by 10% instead.

■ 92, 41.156,
196.164

■ 92, 41.156,
196.164

■ 100, 41.156,
196.164

■ 82, 41.156,
196.164

■ 72, 41.156,
196.164

■ 62, 41.156,
196.164

■ 52, 41.156,
196.164

■ 42, 41.156,
196.164

■ 32, 41.156,
196.164

■ 22, 41.156,

196.164

■ 12, 41.156,
196.164

■ 2, 41.156, 196.164

■ 92, 41.156,
196.164

■ 92, 41.156,
196.164

■ 91, 44.980,
195.885

■ 93, 36.236,
196.499

■ 91, 47.690,
195.663

■ 94, 30.295,
196.894

■ 91, 49.338,
195.491

■ 95, 23.450,
197.345

■ 91, 50.094,
195.359

■ 96, 15.839,
197.853

91, 50.161,
195.343

98, 7.609, 198.435

100, 0.475, 16.761

100, 0.488, 6.596

100, 0.515,
357.222

100, 0.554,
348.979

Harmonies

Complementary

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



92, 41.156, 196.164



63, 63.788, 26.878

Rectangle

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



92, 41.156, 196.164



92, 41.156, 246.164



92, 41.156, 16.164



92, 41.156, 66.164

Sweetspot

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



92, 41.156, 196.162



97, 15.296, 197.894



89, 89.144, 139.012



51, 10.531, 197.739



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, 41.156, 196.162



92, 45.873, 195.830



72, 42.908, 265.887



52, 4.948, 198.387



70, 40.561, 195.361



24, 18.649, 195.484

Inverse Universe

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



63, 63.788, 26.878



59, 78.770, 30.632



78, 52.037, 66.321



49, 5.253, 19.401



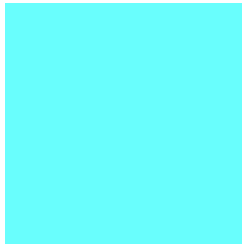
40, 83.920, 39.733



10, 33.311, 26.910

Previews

White Background



This preview shows how the CIE LCh color 92, 41.156, 196.164 looks on a white background.

Color Contrast Check

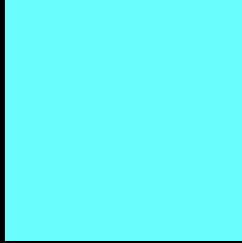
Large Text (above 18pt) WCAG AA × Fail

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, 41.156, 196.164 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, 41.156, 196.164

Background



This preview shows how black text looks on a background with the CIELCh color 92, 41.156, 196.164.

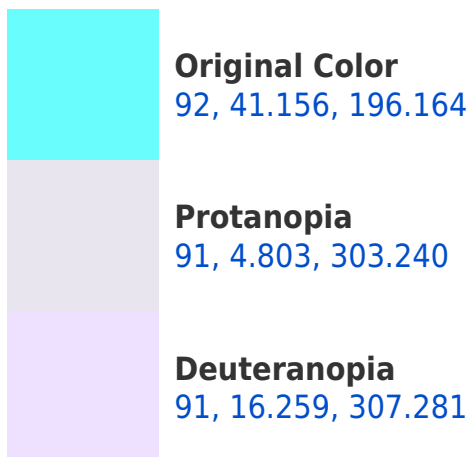


This preview shows how white text looks on a background with the CIELCh color 92, 41.156, 196.164.

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](#).

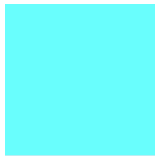
Dichromacy





Tritanopia
92, 22.285, 215.847

Trichromacy



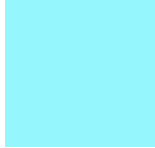
Original Color
92, 41.156, 196.164



Protanomaly
91, 17.268, 207.031



Deuteranomaly
91, 17.575, 232.948

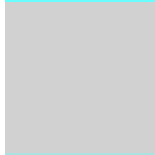


Tritanomaly
91, 29.537, 205.752

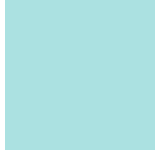
Monochromacy



Original Color
92, 41.156, 196.164



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 18.056, 198.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 41.156, 196.164 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(105, 254, 253)` looks like.

```
.text, #text, p{  
    color:rgb(105, 254, 253)  
}
```

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(105, 254, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 254, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 41.156, 196.164 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(105, 254, 253) }
```

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

```
.border{ border-color:rgb(105, 254, 253) }
```

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

Here you see how a box with a 4 pixel rgb(105, 254, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 254, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 254, 253);  
box-shadow:4px 4px 4px 4px rgb(105, 254,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 41.156, 196.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 254, 253) }
```

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

```
.background{ background-color: rgb(105,  
254, 253) }
```

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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