

Converting Colors

CIELCh(92, 41.807, 192.310)

Have a look what the booklet for
CIELCh(92, 41.807, 192.310)
contains.

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Color

CIElCh(92, 41.825, 192.531)

Conversions

Conversions Part 1

Format	Color
Hex	69FEF8
RGB	105, 254, 248
RGB Percent	41%, 100%, 97%
CMY	0.5880, 0.0037, 0.0272
CMYK	0.59, 0.00, 0.02, 0.00
HSL	178°, 99%, 70%
HSV	178°, 59%, 100%
XYZ	58.2425, 80.7044, 101.3570
YIQ	208.7650, -86.8780, -33.4540

Conversions

Conversions Part 2

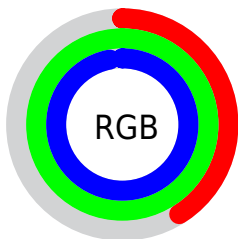
Format	Color
RYB	105, 181, 254
Decimal	6946552
CIELab	92.00, -40.83, -9.07
CIELCh	92, 41.825, 192.531
Yxy	80.7044, 0.2424, 0.3358
Android (android.graphics.Color)	4285136632 (0xFF69FEF8)
YUV	208.7650, 19.3429, -91.0019
Hunter-Lab	89.8356, -41.4867, -4.0090

Details

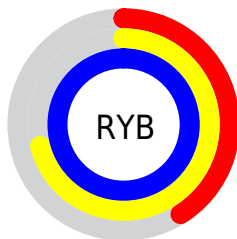
The CIELCh color **92, 41.825, 192.531** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **64, 62.869, 24.491**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.023, 197.751**, and **72, 41.878, 192.544** is the 20% darker color. If you saturate the color by 10%, you get **91, 45.858, 191.990**, and if you desaturate by 10%, it is **93, 36.707, 193.084**.

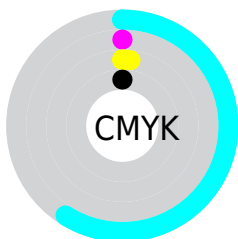
Distribution



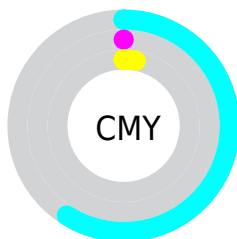
- Red (41%)
- Green (100%)
- Blue (97%)



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



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (59%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 41.825, 192.531 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, 41.825, 192.531 by changing the saturation by 10% instead.


 92, 41.825,
192.531


 92, 41.825,
192.531


 100, 41.825,
192.531


 82, 41.825,
192.531

 72, 41.825,
192.531

 62, 41.825,
192.531

 52, 41.825,
192.531

 42, 41.825,
192.531

 32, 41.825,
192.531

 22, 41.825,

192.531

■ 12, 41.825,
192.531

■ 2, 41.825, 192.531

■ 92, 41.825,
192.531

■ 92, 41.825,
192.531

■ 91, 45.858,
191.990

■ 93, 36.707,
193.084

■ 91, 48.778,
191.455

■ 94, 30.588,
193.660

■ 91, 50.630,
190.913

■ 95, 23.592,
194.261

■ 91, 51.573,
190.354

■ 96, 15.861,
194.892

91, 51.671,
190.278

98, 7.547, 195.576
100, 0.342, 5.559

100, 0.595,
323.942

Harmonies

Complementary

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



92, 41.825, 192.531



64, 62.869, 24.491

Rectangle

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



92, 41.825, 192.531



92, 41.825, 242.531



92, 41.825, 12.531



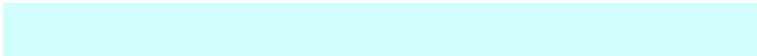
92, 41.825, 62.531

Sweetspot

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



92, 41.825, 192.529



97, 15.388, 194.934



90, 88.377, 138.430



51, 10.601, 194.746



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, 41.825, 192.529



92, 46.454, 191.916



73, 41.047, 261.834



52, 4.969, 195.512



70, 41.709, 190.377



24, 19.104, 191.079

Inverse Universe

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



64, 62.869, 24.491



59, 76.249, 28.057



77, 51.857, 63.095



49, 5.255, 16.683



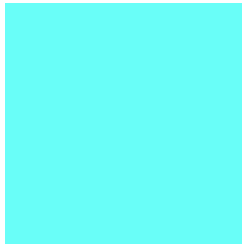
40, 82.496, 38.457



10, 33.039, 25.563

Previews

White Background



This preview shows how the CIE LCh color 92, 41.825, 192.531 looks on a white background.

Color Contrast Check

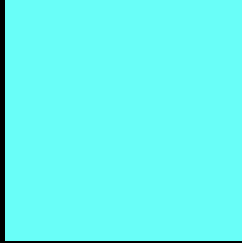
Large Text (above 18pt) WCAG AA × Fail

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, 41.825, 192.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

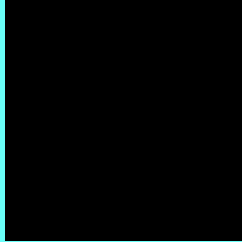
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

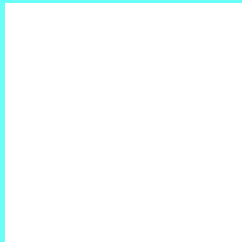
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 41.825, 192.531

Background



This preview shows how black text looks on a background with the CIELCh color 92, 41.825, 192.531.



This preview shows how white text looks on a background with the CIELCh color 92, 41.825, 192.531.

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](#).

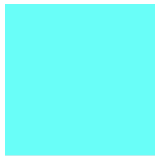
Dichromacy





Tritanopia
92, 22.285, 215.847

Trichromacy



Original Color
92, 41.825, 192.531



Protanomaly
91, 17.327, 198.298



Deuteranomaly
91, 16.332, 231.524

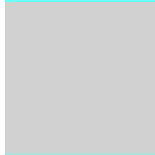


Tritanomaly
91, 29.580, 203.677

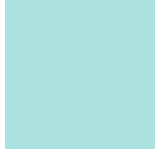
Monochromacy



Original Color
92, 41.825, 192.531



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 18.194, 194.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 41.825, 192.531 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(105, 254, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 254, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 41.825, 192.531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

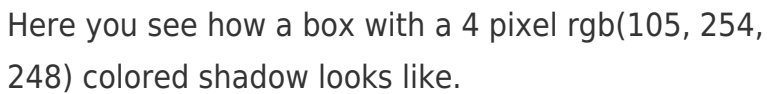
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 254, 248) }
```

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

```
.border{ border-color:rgb(105, 254, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 254, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 254, 248);  
box-shadow:4px 4px 4px 4px rgb(105, 254,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 41.825, 192.531 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, 248) }
```

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

```
.background{ background-color: rgb(105,  
254, 248) }
```

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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