

Converting Colors

CIELCh(100, 55.966, 168.805)

Have a look what the booklet for
CIELCh(100, 55.966, 168.805)
contains.

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Color

CIElCh(92, 43.061, 180.588)

Conversions

Conversions Part 1

Format	Color
Hex	74FEE7
RGB	116, 254, 231
RGB Percent	45%, 100%, 91%
CMY	0.5435, 0.0022, 0.0923
CMYK	0.54, 0.00, 0.09, 0.00
HSL	170°, 99%, 73%
HSV	170°, 54%, 100%
XYZ	57.3298, 80.7044, 88.5005
YIQ	210.1160, -74.8650, -36.4090

Conversions

Conversions Part 2

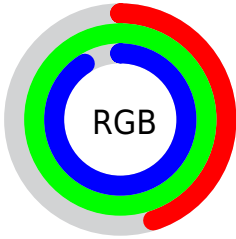
Format	Color
RYB	116, 191, 254
Decimal	7667431
CIELab	92.00, -43.06, -0.44
CIELCh	92, 43.061, 180.588
Yxy	80.7044, 0.2531, 0.3563
Android (android.graphics.Color)	4285857511 (0xFF74FEE7)
YUV	210.1160, 10.2958, -82.5397
Hunter-Lab	89.8356, -43.3002, 4.4761

Details

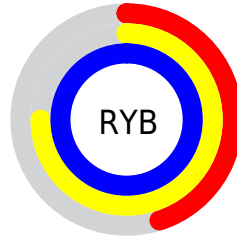
The CIELCh color **92, 43.061, 180.588** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **66, 56.217, 13.914**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.830, 197.886**, and **72, 43.053, 180.667** is the 20% darker color. If you saturate the color by 10%, you get **91, 48.539, 179.387**, and if you desaturate by 10%, it is **93, 36.611, 181.691**.

Distribution



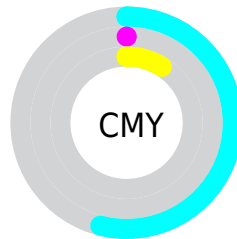
- Red (45%)
- Green (100%)
- Blue (91%)



- Red (45%)
- Yellow (75%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 43.061, 180.588 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, 43.061, 180.588 by changing the saturation by 10% instead.

 92, 43.061,
180.588


 92, 43.061,
180.588


 100, 43.061,
180.588

 82, 43.061,
180.588

 72, 43.061,
180.588

 62, 43.061,
180.588

 52, 43.061,
180.588

 42, 43.061,
180.588

 32, 43.061,
180.588

 22, 43.061,

180.588

■ 12, 43.061,
180.588

■ 2, 43.061, 180.588

■ 92, 43.061,
180.588

■ 92, 43.061,
180.588

■ 91, 48.539,
179.387

■ 93, 36.611,
181.691

■ 91, 52.965,
178.069

■ 94, 29.314,
182.722

■ 90, 56.325,
176.610

■ 96, 21.321,
183.697

■ 90, 58.698,
174.995

■ 97, 12.790,
184.636

■ 90, 59.745,
174.017

■ 99, 3.871, 185.631
100, 0.350,
323.570

Harmonies

Complementary

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



92, 43.061, 180.588



66, 56.217, 13.914

Rectangle

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



92, 43.061, 180.588



92, 43.061, 230.588



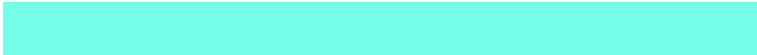
92, 43.061, 0.588



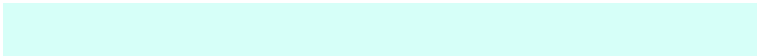
92, 43.061, 50.588

Sweetspot

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



92, 43.061, 180.587



97, 14.341, 184.473



91, 80.092, 136.369



51, 9.643, 184.281



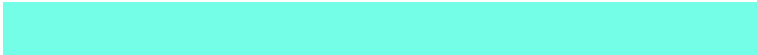
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 43.061, 180.587



91, 48.992, 179.291



80, 34.306, 244.258



52, 5.152, 185.083



69, 48.027, 174.332



23, 21.554, 176.585

Inverse Universe

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



66, 56.217, 13.914



61, 67.541, 17.055



75, 48.113, 52.113



50, 5.371, 6.647



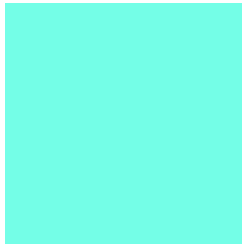
40, 76.631, 31.989



10, 32.182, 20.311

Previews

White Background



This preview shows how the CIE LCh color 92, 43.061, 180.588 looks on a white background.

Color Contrast Check

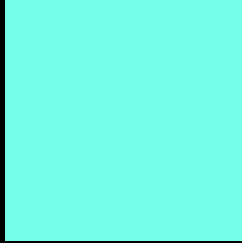
Large Text (above 18pt) WCAG AA × Fail

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, 43.061, 180.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

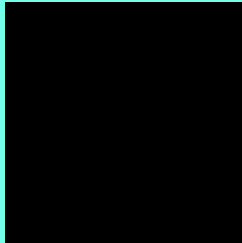
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 43.061, 180.588

Background



This preview shows how black text looks on a background with the CIELCh color 92, 43.061, 180.588.

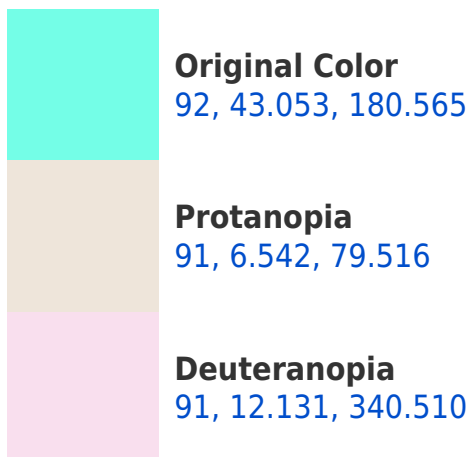


This preview shows how white text looks on a background with the CIELCh color 92, 43.061, 180.588.

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, 21.481, 216.576

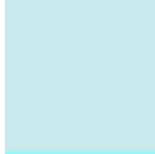
Trichromacy



Original Color
92, 43.053, 180.565



Protanomaly
91, 17.263, 171.455



Deuteranomaly
90, 11.279, 204.017

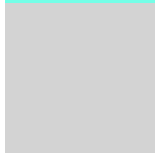


Tritanomaly
92, 28.727, 196.558

Monochromacy



Original Color
92, 43.053, 180.565



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 17.870, 182.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 43.061, 180.588 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(116, 254, 231)` looks like.

```
.text, #text, p{  
    color:rgb(116, 254, 231)  
}
```

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(116, 254, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 254, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 43.061, 180.588 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(116, 254, 231) }
```

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

```
.border{ border-color:rgb(116, 254, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 254, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 254, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 254, 231);  
box-shadow:4px 4px 4px 4px rgb(116, 254,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 43.061, 180.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 254, 231) }
```

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

```
.background{ background-color: rgb(116,  
254, 231) }
```

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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