

Converting Colors

CIELCh(92, 43.685, 188.019)

Have a look what the booklet for
CIELCh(92, 43.685, 188.019)
contains.

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Color

CIELCh(92, 43.715, 187.775)

Conversions

Conversions Part 1

Format	Color
Hex	66FFF2
RGB	102, 255, 242
RGB Percent	40%, 100%, 95%
CMY	0.6003, 0.0002, 0.0512
CMYK	0.60, 0.00, 0.05, 0.00
HSL	175°, 100%, 70%
HSV	175°, 60%, 100%
XYZ	57.2263, 80.7044, 96.5147
YIQ	207.7710, -87.0150, -36.4790

Conversions

Conversions Part 2

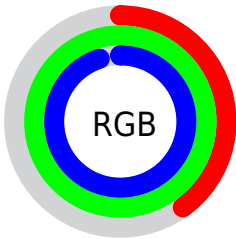
Format	Color
RYB	102, 182, 255
Decimal	6750194
CIELab	92.00, -43.31, -5.91
CIELCh	92, 43.715, 187.775
Yxy	80.7044, 0.2441, 0.3442
Android (android.graphics.Color)	4284940274 (0xFF66FFF2)
YUV	207.7710, 16.8749, -92.7612
Hunter-Lab	89.8356, -43.5058, -0.8131

Details

The CIELCh color **92, 43.715, 187.775** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **63, 63.651, 21.648**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.824, 197.702**, and **72, 43.647, 187.481** is the 20% darker color. If you saturate the color by 10%, you get **91, 47.913, 186.927**, and if you desaturate by 10%, it is **93, 38.441, 188.582**.

Distribution



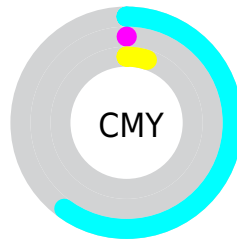
- Red (40%)
- Green (100%)
- Blue (95%)



- Red (40%)
- Yellow (71%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 43.715, 187.775 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, 43.715, 187.775 by changing the saturation by 10% instead.


 92, 43.715,
187.775


 92, 43.715,
187.775


 100, 43.715,
187.775


 82, 43.715,
187.775

 72, 43.715,
187.775

 62, 43.715,
187.775

 52, 43.715,
187.775

 42, 43.715,
187.775

 32, 43.715,
187.775

 22, 43.715,

187.775

■ 12, 43.715,
187.775

■ 2, 43.715, 187.775

■ 92, 43.715,
187.775

■ 92, 43.715,
187.775

■ 91, 47.913,
186.927

■ 93, 38.441,
188.582

■ 91, 51.007,
186.025

■ 94, 32.179,
189.366

■ 91, 53.045,
185.051

■ 95, 25.057,
190.138

■ 90, 54.231,
184.004

■ 97, 17.222,
190.908

■ 98, 8.826, 191.696

100, 0.018,
230.768

100, 0.049,
318.164

Harmonies

Complementary

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



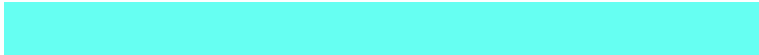
92, 43.715, 187.775



63, 63.651, 21.648

Rectangle

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



92, 43.715, 187.775



92, 43.715, 237.775



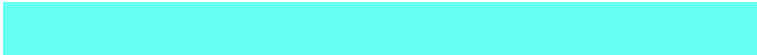
92, 43.715, 7.775



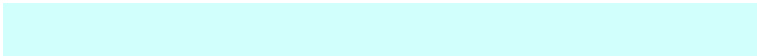
92, 43.715, 57.775

Sweetspot

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



92, 43.715, 187.774



97, 15.570, 191.064



90, 89.223, 137.348



51, 10.736, 190.839



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, 43.715, 187.774



91, 48.623, 186.753



75, 39.566, 255.700



52, 5.015, 191.739



70, 43.618, 184.198



23, 19.849, 185.563

Inverse Universe

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



63, 63.651, 21.648



59, 76.782, 25.667



75, 53.567, 58.125



50, 5.277, 13.084



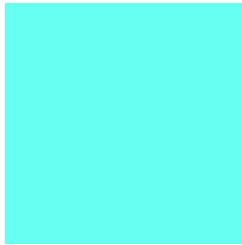
40, 80.675, 36.682



10, 32.706, 23.738

Previews

White Background



This preview shows how the CIE LCh color 92, 43.715, 187.775 looks on a white background.

Color Contrast Check

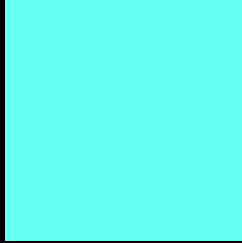
Large Text (above 18pt) WCAG AA × Fail

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, 43.715, 187.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

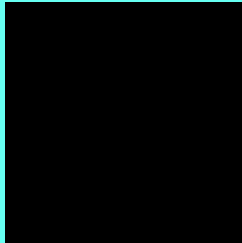
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 43.715, 187.775

Background



This preview shows how black text looks on a background with the CIELCh color 92, 43.715, 187.775.

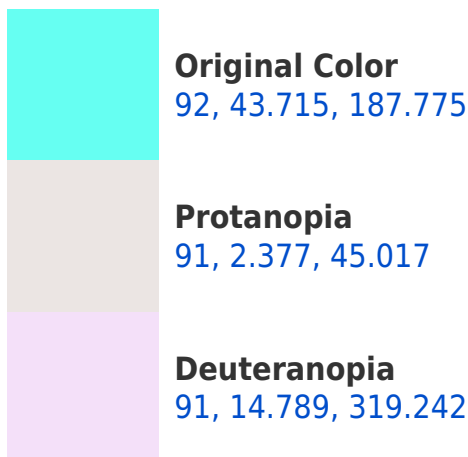


This preview shows how white text looks on a background with the CIELCh color 92, 43.715, 187.775.

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



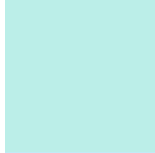


Tritanopia
92, 22.285, 215.847

Trichromacy



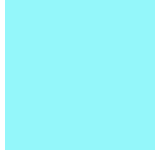
Original Color
92, 43.715, 187.775



Protanomaly
91, 17.581, 188.013



Deuteranomaly
90, 15.151, 220.838

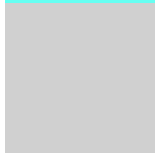


Tritanomaly
92, 30.206, 200.507

Monochromacy



Original Color
92, 43.715, 187.775



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 19.122, 190.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 43.715, 187.775 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(102, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 242)  
}
```

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(102, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 43.715, 187.775 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(102, 255, 242) }
```

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

```
.border{ border-color:rgb(102, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 43.715, 187.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 242) }
```

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

```
.background{ background-color: rgb(102,  
255, 242) }
```

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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