

Converting Colors

CIELCh(91, 47.287, 177.106)

Have a look what the booklet for
CIELCh(91, 47.287, 177.106)
contains.

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Color

CIELCh(91, 47.188, 177.107)

Conversions

Conversions Part 1

Format	Color
Hex	66FDDF
RGB	102, 253, 223
RGB Percent	40%, 99%, 87%
CMY	0.5995, 0.0074, 0.1251
CMYK	0.60, 0.00, 0.12, 0.01
HSL	168°, 98%, 70%
HSV	168°, 60%, 99%
XYZ	53.9856, 78.4833, 82.1879
YIQ	204.4310, -80.3660, -41.3420

Conversions

Conversions Part 2

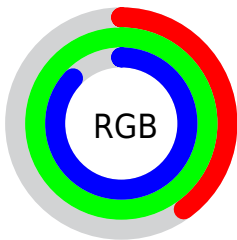
Format	Color
RYB	102, 186, 253
Decimal	6749663
CIELab	91.00, -47.13, 2.38
CIELCh	91, 47.188, 177.107
Yxy	78.4833, 0.2515, 0.3656
Android (android.graphics.Color)	4284939743 (0xFF66FDDF)
YUV	204.4310, 9.1545, -89.8320
Hunter-Lab	88.5908, -46.2593, 7.0087

Details

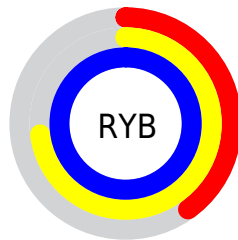
The CIELCh color **91, 47.188, 177.107** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **63, 61.436, 12.901**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 28.089, 197.686**, and **71, 47.360, 176.927** is the 20% darker color. If you saturate the color by 10%, you get **90, 52.385, 175.728**, and if you desaturate by 10%, it is **92, 40.993, 178.356**.

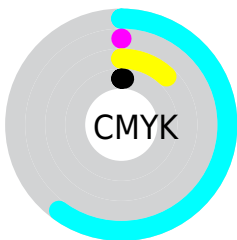
Distribution



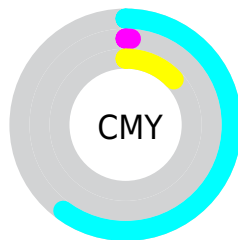
- Red (40%)
- Green (99%)
- Blue (87%)



- Red (40%)
- Yellow (73%)
- Blue (99%)



- Cyan (60%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)





- Cyan (60%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 47.188, 177.107 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 91, 47.188, 177.107 by changing the saturation by 10% instead.


 91, 47.188,
177.107


 91, 47.188,
177.107


 100, 47.188,
177.107


 81, 47.188,
177.107

 71, 47.188,
177.107

 61, 47.188,
177.107

 51, 47.188,
177.107

 41, 47.188,
177.107

 31, 47.188,
177.107

 21, 47.188,

177.107

■ 11, 47.188,
177.107

■ 1, 47.188, 177.107

■ 91, 47.188,
177.107

■ 91, 47.188,
177.107

■ 90, 52.385,
175.728

■ 92, 40.993,
178.356

■ 90, 56.534,
174.198

■ 93, 33.909,
179.504

■ 89, 59.661,
172.499

■ 94, 26.080,
180.570

■ 89, 61.953,
170.647

■ 96, 17.662,
181.574

89, 62.028,
170.582

98, 8.812, 182.549

99, 0.328, 1.515

100, 1.181,
324.221

Harmonies

Complementary

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



91, 47.188, 177.107



63, 61.436, 12.901

Rectangle

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



91, 47.188, 177.107



91, 47.188, 227.107



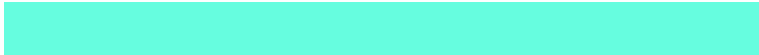
91, 47.188, 357.107



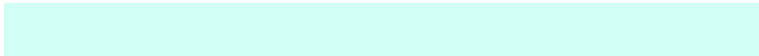
91, 47.188, 47.107

Sweetspot

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



91, 47.188, 177.106



97, 16.325, 181.735



90, 85.885, 135.220



51, 11.283, 181.450



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 47.188, 177.106



91, 53.769, 175.379



79, 36.016, 240.588



52, 5.224, 182.563



69, 50.026, 170.924



23, 22.327, 173.425

Inverse Universe

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



63, 61.436, 12.901



59, 73.666, 17.046



71, 54.307, 48.878



50, 5.427, 4.179



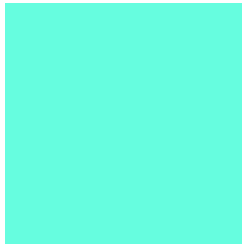
40, 75.007, 29.690



10, 31.991, 18.797

Previews

White Background



This preview shows how the CIE LCh color 91, 47.188, 177.107 looks on a white background.

Color Contrast Check

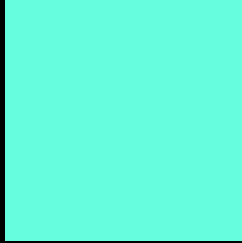
Large Text (above 18pt) WCAG AA × Fail

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 91, 47.188, 177.107 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 91, 47.188, 177.107

Background



This preview shows how black text looks on a background with the CIELCh color 91, 47.188, 177.107.

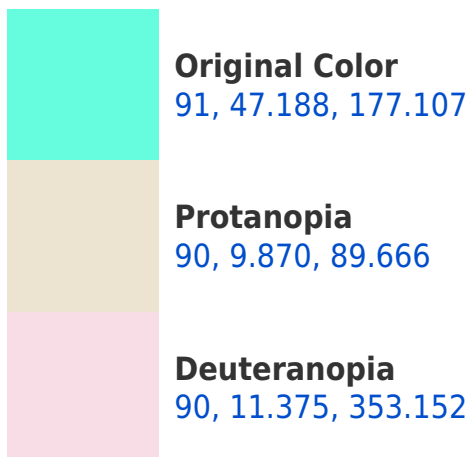


This preview shows how white text looks on a background with the CIELCh color 91, 47.188, 177.107.

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



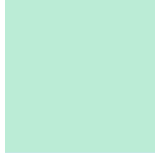


Tritanopia
91, 24.983, 215.006

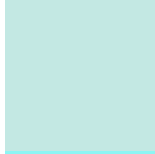
Trichromacy



Original Color
91, 47.188, 177.107



Protanomaly
90, 20.765, 164.604



Deuteranomaly
89, 13.069, 187.032

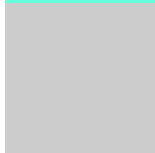


Tritanomaly
91, 31.834, 195.504

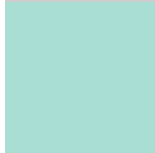
Monochromacy



Original Color
91, 47.188, 177.107



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 19.338, 182.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 47.188, 177.107 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, 253, 223)` looks like.

```
.text, #text, p{  
    color:rgb(102, 253, 223)  
}
```

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, 253, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 253, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 47.188, 177.107 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, 253, 223) }
```

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

```
.border{ border-color:rgb(102, 253, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 253, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 253, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 253, 223);  
box-shadow:4px 4px 4px 4px rgb(102, 253,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 47.188, 177.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 253, 223) }
```

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

```
.background{ background-color: rgb(102,  
253, 223) }
```

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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