

Converting Colors

CIELCh(92, 34.748, 301.989)

Have a look what the booklet for
CIELCh(92, 34.748, 301.989)
contains.

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Color

CIELCh(91, 17.692, 310.704)

Conversions

Conversions Part 1

Format	Color
Hex	F0DFFF
RGB	240, 223, 255
RGB Percent	94%, 87%, 100%
CMY	0.0590, 0.1257, 0.0002
CMYK	0.06, 0.13, 0.00, 0.00
HSL	272°, 100%, 94%
HSV	272°, 13%, 100%
XYZ	80.3357, 78.4833, 105.4809
YIQ	231.7310, -0.1400, 13.5560

Conversions

Conversions Part 2

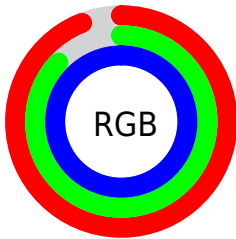
Format	Color
R_{YB}	240, 223, 255
Decimal	15785983
CIE _{Lab}	91.00, 11.54, -13.41
CIE _{LCh}	91, 17.692, 310.704
Yxy	78.4833, 0.3040, 0.2969
Android (android.graphics.Color)	4293976063 (0xFFFF0DFFF)
YUV	231.7310, 11.4716, 7.2519
Hunter-Lab	88.5908, 6.8330, -8.5802

Details

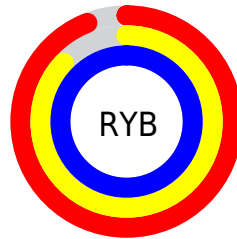
The CIELCh color **91, 17.692, 310.704** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **98, 17.403, 129.606**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 17.458, 310.888** is the 20% darker color. If you saturate the color by 10%, you get **84, 32.203, 311.193**, and if you desaturate by 10%, it is **98, 3.551, 310.217**.

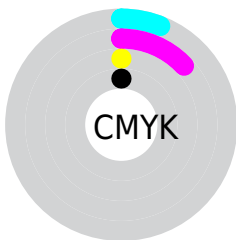
Distribution



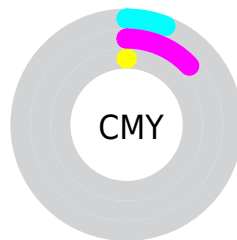
- Red (94%)
- Green (87%)
- Blue (100%)



- Red (94%)
- Yellow (87%)
- Blue (100%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (13%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 17.692, 310.704 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, 17.692, 310.704 by changing the saturation by 10% instead.


 91, 17.692,
310.704


 91, 17.692,
310.704


 100, 17.692,
310.704


 81, 17.692,
310.704


 71, 17.692,
310.704

 61, 17.692,
310.704

 51, 17.692,
310.704

 41, 17.692,
310.704

 31, 17.692,
310.704

 21, 17.692,

310.704

■ 11, 17.692,
310.704

■ 1, 17.692, 310.704

■ 91, 17.692,
310.704

■ 91, 17.692,
310.704

■ 84, 32.203,
311.193

■ 98, 3.551, 310.217

■ 77, 47.006,
311.707

100, 0.013,
104.101

■ 70, 61.931,
312.225

■ 63, 76.686,
312.713

■ 57, 90.785,
313.117

■ 52, 103.501,
313.359

■ 47, 113.883,
313.336

■ 44, 120.986,
312.938

■ 42, 124.178,
312.408

Harmonies

Complementary

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



91, 17.692, 310.704



98, 17.403, 129.606

Rectangle

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



91, 17.692, 310.704



91, 17.692, 0.704



91, 17.692, 130.704



91, 17.692, 180.704

Sweetspot

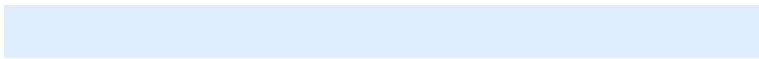
The Sweet Spot groups the original color and five complimentary colors.



91, 17.690, 310.702



97, 5.577, 310.296



94, 9.889, 258.959



51, 3.967, 310.333



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, 17.690, 310.702



89, 21.217, 310.820



92, 19.795, 325.570



49, 7.982, 310.558



31, 99.857, 312.604



6, 44.858, 313.741

Inverse Universe

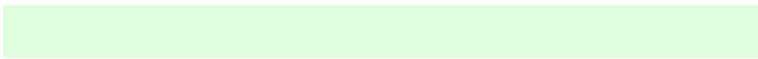
The Inverse Universe completely reimagines the original color for something new.



92, 13.853, 346.441



90, 16.610, 346.681



97, 19.771, 144.132



50, 6.252, 346.146



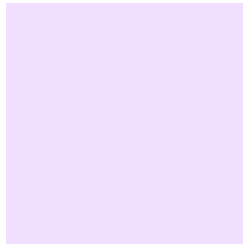
41, 68.025, 5.114



10, 31.609, 359.037

Previews

White Background



This preview shows how the CIELCh color 91, 17.692, 310.704 looks on a white background.

Color Contrast Check

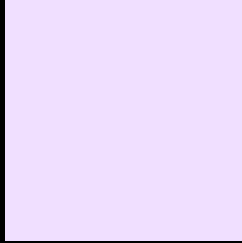
Large Text (above 18pt) WCAG AA × Fail

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, 17.692, 310.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

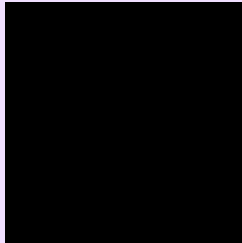
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 17.692, 310.704

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.692, 310.704.

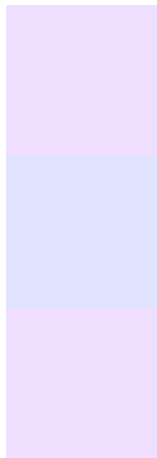


This preview shows how white text looks on a background with the CIELCh color 91, 17.692, 310.704.

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



Original Color

91, 17.692, 310.704

Protanopia

91, 14.024, 287.155

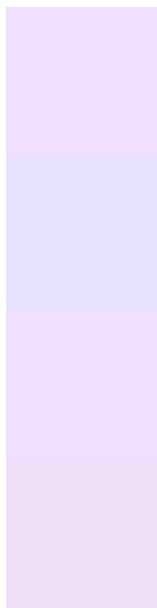
Deuteranopia

91, 17.692, 310.704



Tritanopia
91, 10.446, 316.725

Trichromacy



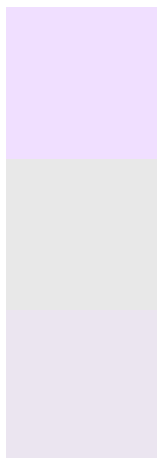
Original Color
91, 17.692, 310.704

Protanomaly
91, 15.145, 296.524

Deuteranomaly
91, 17.692, 310.704

Tritanomaly
91, 13.096, 314.575

Monochromacy



Original Color
91, 17.692, 310.704

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.107, 310.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.692, 310.704 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(240, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 255)  
}
```

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(240, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.692, 310.704 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(240, 223, 255) }
```

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

```
.border{ border-color:rgb(240, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.692, 310.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 255) }
```

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

```
.background{ background-color: rgb(240,  
223, 255) }
```

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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