

Converting Colors

CIELCh(92, 17.084, 314.709)

Have a look what the booklet for
CIELCh(92, 17.084, 314.709)
contains.

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Color

CIELCh(92, 17.087, 315.153)

Conversions

Conversions Part 1

Format	Color
Hex	F5E1FF
RGB	245, 225, 255
RGB Percent	96%, 88%, 100%
CMY	0.0381, 0.1165, 0.0000
CMYK	0.04, 0.12, 0.00, 0.00
HSL	280°, 100%, 94%
HSV	280°, 12%, 100%
XYZ	82.8530, 80.7044, 106.0609
YIQ	234.4000, 2.2900, 13.5700

Conversions

Conversions Part 2

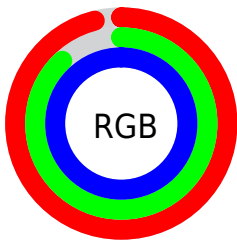
Format	Color
R _Y B	245, 225, 255
Decimal	16114175
CIE Lab	92.00, 12.11, -12.05
CIE LCh	92, 17.087, 315.153
Yxy	80.7044, 0.3073, 0.2993
Android (android.graphics.Color)	4294304255 (0xFFFF5E1FF)
YUV	234.4000, 10.1558, 9.2962
Hunter-Lab	89.8356, 7.4133, -7.1134

Details

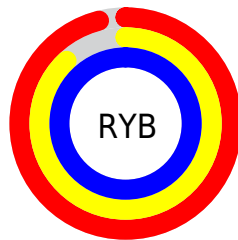
The CIELCh color `92, 17.087, 315.153` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 16.774, 134.382`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 16.814, 315.632` is the 20% darker color. If you saturate the color by 10%, you get `85, 31.810, 315.802`, and if you desaturate by 10%, it is `99, 2.384, 314.858`.

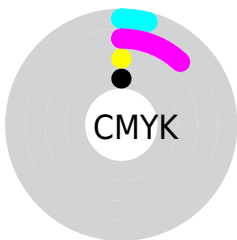
Distribution



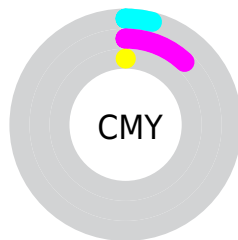
- Red (96%)
- Green (88%)
- Blue (100%)



- Red (96%)
- Yellow (88%)
- Blue (100%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (12%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 17.087, 315.153 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, 17.087, 315.153 by changing the saturation by 10% instead.


 92, 17.087,
315.153


 92, 17.087,
315.153


 100, 17.087,
315.153


 82, 17.087,
315.153

 72, 17.087,
315.153

 62, 17.087,
315.153

 52, 17.087,
315.153

 42, 17.087,
315.153

 32, 17.087,
315.153

 22, 17.087,

315.153

■ 12, 17.087,
315.153

■ 2, 17.087, 315.153

■ 92, 17.087,
315.153

■ 92, 17.087,
315.153

■ 85, 31.810,
315.802

■ 99, 2.384, 314.858

■ 79, 46.834,
316.249

100, 0.012,
296.813

■ 72, 61.797,
316.676

■ 66, 76.341,
317.052

■ 61, 89.936,
317.329

■ 56, 101.870,
317.446

■ 52, 111.323,
317.329

■ 49, 117.595,
316.909

■ 47, 120.510,
316.332

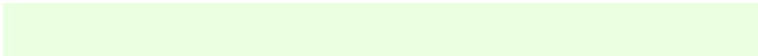
Harmonies

Complementary

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



92, 17.087, 315.153



98, 16.774, 134.382

Rectangle

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



92, 17.087, 315.153



92, 17.087, 5.153



92, 17.087, 135.153



92, 17.087, 185.153

Sweetspot

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



92, 16.949, 315.356



98, 4.326, 314.953



93, 10.693, 272.717



52, 3.281, 314.996



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, 16.949, 315.356



90, 20.415, 315.460



93, 16.563, 330.083



49, 8.250, 315.260



35, 96.956, 316.505



8, 44.276, 317.736

Inverse Universe

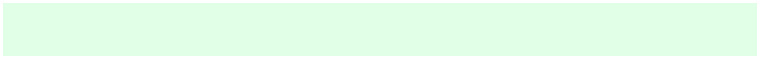
The Inverse Universe completely reimagines the original color for something new.



92, 11.822, 355.205



91, 14.266, 355.462



97, 16.519, 148.650



50, 5.745, 354.973



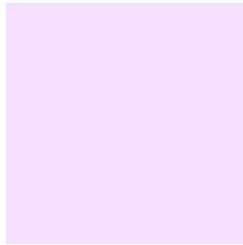
40, 69.837, 18.795



10, 31.365, 10.795

Previews

White Background



This preview shows how the CIE LCh color 92, 17.087, 315.153 looks on a white background.

Color Contrast Check

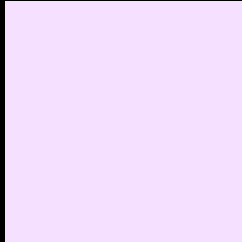
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 17.087, 315.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

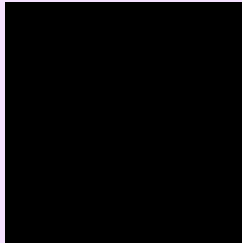
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 17.087, 315.153

Background



This preview shows how black text looks on a background with the CIELCh color 92, 17.087, 315.153.

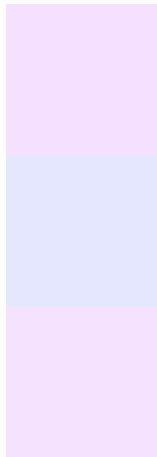


This preview shows how white text looks on a background with the CIELCh color 92, 17.087, 315.153.

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

92, 17.087, 315.153

Protanopia

92, 12.427, 288.033

Deuteranopia

92, 16.329, 313.640



Tritanopia
92, 11.122, 323.300

Trichromacy



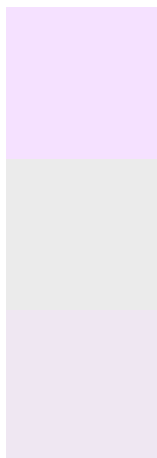
Original Color
92, 17.087, 315.153

Protanomaly
92, 13.656, 299.871

Deuteranomaly
92, 16.329, 313.640

Tritanomaly
92, 13.531, 318.676

Monochromacy



Original Color
92, 17.087, 315.153

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.381, 316.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 17.087, 315.153 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(245, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 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(245, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 17.087, 315.153 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(245, 225, 255) }
```

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

```
.border{ border-color:rgb(245, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 17.087, 315.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 255) }
```

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

```
.background{ background-color: rgb(245,  
225, 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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