

Converting Colors

CIELCh(91, 19.663, 319.891)

Have a look what the booklet for
CIELCh(91, 19.663, 319.891)
contains.

CIELCh(91, 19.595, 319.928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 19.595, 319.928)

Conversions

Conversions Part 1

Format	Color
Hex	F8DDFE
RGB	248, 221, 254
RGB Percent	97%, 87%, 100%
CMY	0.0292, 0.1350, 0.0057
CMYK	0.02, 0.13, 0.00, 0.01
HSL	289°, 92%, 93%
HSV	289°, 13%, 99%
XYZ	82.1110, 78.4833, 104.2102
YIQ	232.8350, 5.4990, 15.9870

Conversions

Conversions Part 2

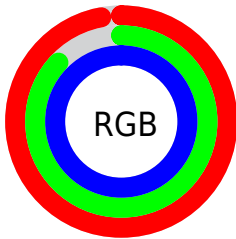
Format	Color
R _Y B	248, 221, 254
Decimal	16309758
CIE Lab	91.00, 14.99, -12.61
CIE LCh	91, 19.595, 319.928
Yxy	78.4833, 0.3101, 0.2964
Android (android.graphics.Color)	4294499838 (0xFFF8DDFE)
YUV	232.8350, 10.4343, 13.2997
Hunter-Lab	88.5908, 10.4100, -7.7298

Details

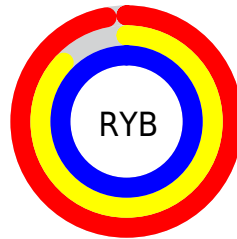
The CIELCh color **91, 19.595, 319.928** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 19.471, 138.730**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 19.284, 319.691** is the 20% darker color. If you saturate the color by 10%, you get **85, 34.871, 320.391**, and if you desaturate by 10%, it is **98, 4.497, 319.430**.

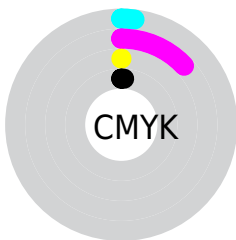
Distribution



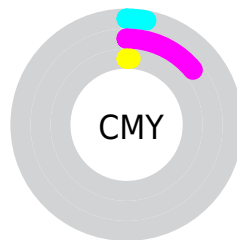
- Red (97%)
- Green (87%)
- Blue (100%)



- Red (97%)
- Yellow (87%)
- Blue (100%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)





- Cyan (3%)
- Magenta (14%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 19.595, 319.928 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, 19.595, 319.928 by changing the saturation by 10% instead.


 91, 19.595,
319.928


 91, 19.595,
319.928


 100, 19.595,
319.928


 81, 19.595,
319.928

 71, 19.595,
319.928

 61, 19.595,
319.928

 51, 19.595,
319.928

 41, 19.595,
319.928

 31, 19.595,
319.928

 21, 19.595,

319.928

■ 11, 19.595,
319.928

■ 1, 19.595, 319.928

■ 91, 19.595,
319.928

■ 91, 19.595,
319.928

■ 85, 34.871,
320.391

■ 98, 4.497, 319.430

■ 78, 50.127,
320.839

100, 0.723,
110.017

■ 73, 65.045,
321.251

■ 67, 79.175,
321.599

■ 63, 91.920,
321.845

■ 59, 102.583,
321.946

■ 55, 110.499,
321.860

■ 53, 115.268,
321.551

■ 52, 117.018,
321.220

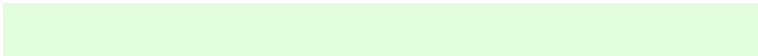
Harmonies

Complementary

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



91, 19.595, 319.928



97, 19.471, 138.730

Rectangle

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



91, 19.595, 319.928



91, 19.595, 9.928



91, 19.595, 139.928



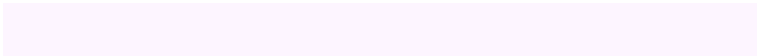
91, 19.595, 189.928

Sweetspot

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



91, 19.592, 319.928



97, 6.008, 319.488



90, 14.099, 282.994



52, 4.272, 319.529



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, 19.592, 319.928



90, 24.262, 320.067



91, 16.564, 335.864



50, 8.578, 319.763



39, 94.618, 321.331



10, 43.403, 322.118

Inverse Universe

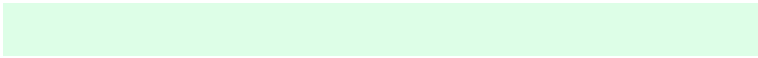
The Inverse Universe completely reimagines the original color for something new.



91, 12.410, 5.848



89, 15.459, 6.186



97, 16.454, 154.032



50, 5.396, 5.466



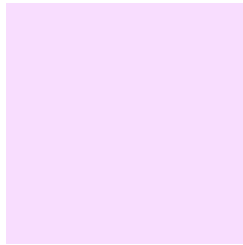
40, 75.850, 30.922



10, 32.091, 19.614

Previews

White Background



This preview shows how the CIELCh color 91, 19.595, 319.928 looks on a white background.

Color Contrast Check

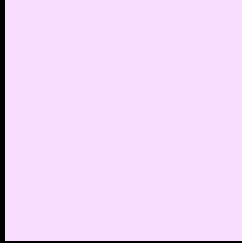
Large Text (above 18pt) WCAG AA × Fail

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, 19.595, 319.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

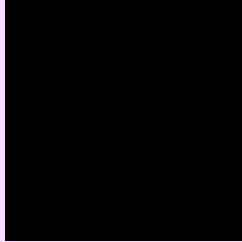
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

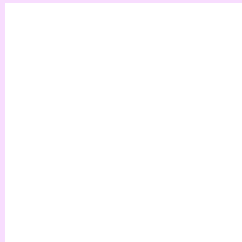
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 19.595, 319.928

Background



This preview shows how black text looks on a background with the CIELCh color 91, 19.595, 319.928.

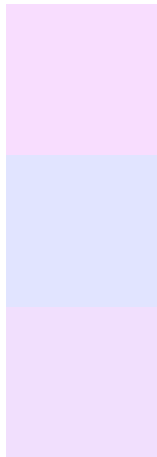


This preview shows how white text looks on a background with the CIELCh color 91, 19.595, 319.928.

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, 19.595, 319.928

Protanopia

91, 14.024, 287.155

Deuteranopia

91, 16.846, 312.979



Tritanopia
91, 12.055, 333.338

Trichromacy



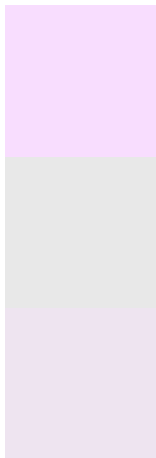
Original Color
91, 19.595, 319.928

Protanomaly
91, 15.354, 301.614

Deuteranomaly
91, 17.739, 315.521

Tritanomaly
91, 14.881, 327.234

Monochromacy



Original Color
91, 19.595, 319.928

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.187, 319.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 19.595, 319.928 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(248, 221, 254)` looks like.

```
.text, #text, p{  
    color:rgb(248, 221, 254)  
}
```

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(248, 221, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 221, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 19.595, 319.928 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(248, 221, 254) }
```

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

```
.border{ border-color:rgb(248, 221, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 221, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 221, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 221, 254);  
box-shadow:4px 4px 4px 4px rgb(248, 221,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 19.595, 319.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 221, 254) }
```

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

```
.background{ background-color: rgb(248,  
221, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor