

Converting Colors

CIELCh(92, 21.571, 317.261)

Have a look what the booklet for
CIELCh(92, 21.571, 317.261)
contains.

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Color

CIELCh(92, 19.117, 320.671)

Conversions

Conversions Part 1

Format	Color
Hex	FBDFFF
RGB	251, 223, 255
RGB Percent	98%, 87%, 100%
CMY	0.0176, 0.1236, 0.0000
CMYK	0.02, 0.12, 0.00, 0.00
HSL	291°, 100%, 94%
HSV	291°, 12%, 100%
XYZ	84.2517, 80.7044, 106.1665
YIQ	235.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

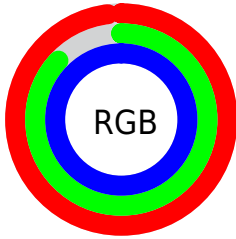
Format	Color
R_{YB}	251, 223, 255
Decimal	16506879
CIE _{Lab}	92.00, 14.79, -12.12
CIE _{LCh}	92, 19.117, 320.671
Yxy	80.7044, 0.3108, 0.2977
Android (android.graphics.Color)	4294696959 (0xFFFFBDFFF)
YUV	235.0200, 9.8501, 14.0145
Hunter-Lab	89.8356, 10.1926, -7.1832

Details

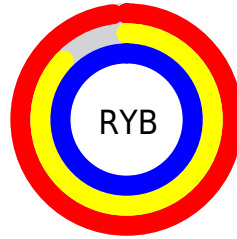
The CIELCh color **92, 19.117, 320.671** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 18.801, 139.880**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 18.949, 321.462** is the 20% darker color. If you saturate the color by 10%, you get **86, 34.374, 321.537**, and if you desaturate by 10%, it is **98, 3.578, 320.528**.

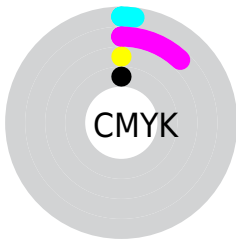
Distribution



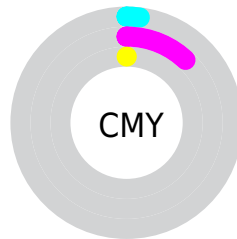
- Red (98%)
- Green (87%)
- Blue (100%)



- Red (98%)
- Yellow (87%)
- Blue (100%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (12%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 19.117, 320.671 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, 19.117, 320.671 by changing the saturation by 10% instead.


 92, 19.117,
320.671


 92, 19.117,
320.671


 100, 19.117,
320.671


 82, 19.117,
320.671

 72, 19.117,
320.671

 62, 19.117,
320.671

 52, 19.117,
320.671

 42, 19.117,
320.671

 32, 19.117,
320.671

 22, 19.117,

320.671

■ 12, 19.117,
320.671

■ 2, 19.117, 320.671

■ 92, 19.117,
320.671

■ 92, 19.117,
320.671

■ 86, 34.374,
321.537

■ 98, 3.578, 320.528

■ 80, 49.806,
321.998

100, 0.012,
296.813

■ 74, 64.858,
322.424

■ 69, 79.067,
322.788

■ 64, 91.833,
323.058

■ 60, 102.471,
323.196

■ 57, 110.347,
323.166

■ 55, 115.097,
322.943

■ 54, 116.919,
322.656

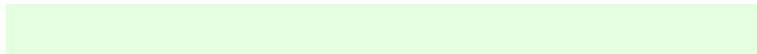
Harmonies

Complementary

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



92, 19.117, 320.671



97, 18.801, 139.880

Rectangle

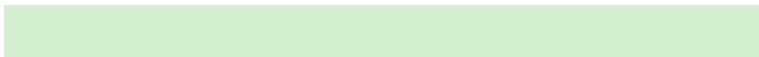
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 19.117, 320.671



92, 19.117, 10.671



92, 19.117, 140.671



92, 19.117, 190.671

Sweetspot

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



92, 18.892, 321.058



97, 6.078, 320.635



91, 13.952, 284.730



52, 4.321, 320.678



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, 18.892, 321.058



90, 22.977, 321.186



92, 15.429, 337.258



50, 8.674, 320.919



41, 94.144, 322.747



10, 43.226, 323.383

Inverse Universe

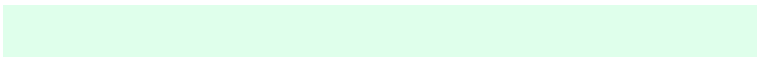
The Inverse Universe completely reimagines the original color for something new.



92, 11.698, 8.795



90, 14.315, 9.083



97, 15.311, 155.474



50, 5.337, 8.493



40, 77.846, 33.531



10, 32.323, 21.322

Previews

White Background



This preview shows how the CIELCh color 92, 19.117, 320.671 looks on a white background.

Color Contrast Check

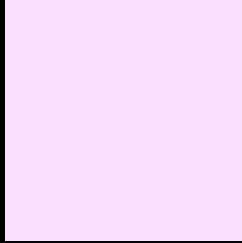
Large Text (above 18pt) WCAG AA × Fail

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, 19.117, 320.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

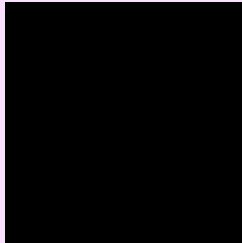
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

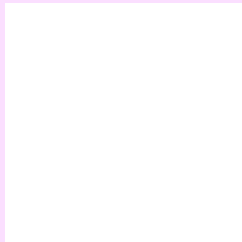
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 19.117, 320.671

Background



This preview shows how black text looks on a background with the CIELCh color 92, 19.117, 320.671.

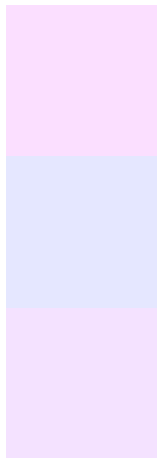


This preview shows how white text looks on a background with the CIELCh color 92, 19.117, 320.671.

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, 19.288, 321.590

Protanopia

92, 12.427, 288.033

Deuteranopia

92, 16.329, 313.640



Tritanopia
92, 12.651, 332.942

Trichromacy



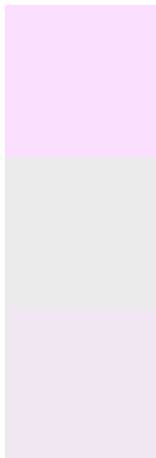
Original Color
92, 19.288, 321.590

Protanomaly
92, 14.373, 303.648

Deuteranomaly
92, 17.230, 316.220

Tritanomaly
92, 15.069, 328.333

Monochromacy



Original Color
92, 19.288, 321.590

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.726, 322.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 19.117, 320.671 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(251, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 19.117, 320.671 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(251, 223, 255) }
```

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

```
.border{ border-color:rgb(251, 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(251, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 19.117, 320.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 255) }
```

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

```
.background{ background-color: rgb(251,  
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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