

Converting Colors

CIELCh(90, 22.484, 318.792)

Have a look what the booklet for
CIELCh(90, 22.484, 318.792)
contains.

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Color

CIELCh(90, 22.249, 318.339)

Conversions

Conversions Part 1

Format	Color
Hex	F6D9FF
RGB	246, 217, 255
RGB Percent	96%, 85%, 100%
CMY	0.0360, 0.1497, 0.0007
CMYK	0.04, 0.15, 0.00, 0.00
HSL	286°, 99%, 92%
HSV	286°, 15%, 100%
XYZ	80.7308, 76.3034, 104.9272
YIQ	230.0030, 5.0860, 17.9660

Conversions

Conversions Part 2

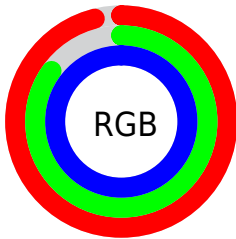
Format	Color
R_{YB}	246, 217, 255
Decimal	16177663
CIE _{Lab}	90.00, 16.62, -14.79
CIE _{LCh}	90, 22.249, 318.339
Yxy	76.3034, 0.3082, 0.2913
Android (android.graphics.Color)	4294367743 (0xFFFF6D9FF)
YUV	230.0030, 12.3235, 14.0294
Hunter-Lab	87.3518, 12.1047, -10.0731

Details

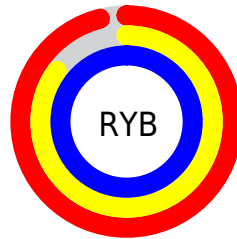
The CIELCh color **90, 22.249, 318.339** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 22.048, 137.009**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 22.243, 318.926** is the 20% darker color. If you saturate the color by 10%, you get **83, 37.428, 318.788**, and if you desaturate by 10%, it is **97, 7.259, 317.876**.

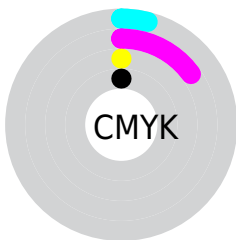
Distribution



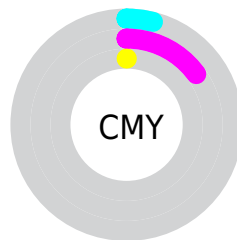
- Red (96%)
- Green (85%)
- Blue (100%)



- Red (96%)
- Yellow (85%)
- Blue (100%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (15%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 22.249, 318.339 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 90, 22.249, 318.339 by changing the saturation by 10% instead.


 90, 22.249,
318.339


 90, 22.249,
318.339


 100, 22.249,
318.339


 80, 22.249,
318.339

 70, 22.249,
318.339

 60, 22.249,
318.339

 50, 22.249,
318.339

 40, 22.249,
318.339

 30, 22.249,
318.339

 20, 22.249,

318.339

■ 10, 22.249,
318.339

■ 0, 22.249, 318.339

■ 90, 22.249,
318.339

■ 90, 22.249,
318.339

■ 83, 37.428,
318.788

■ 97, 7.259, 317.876

■ 77, 52.604,
319.223

100, 0.080,
109.207

■ 71, 67.464,
319.620

■ 66, 81.552,
319.946

■ 61, 94.254,
320.158

■ 57, 104.838,
320.201

■ 53, 112.598,
320.022

■ 51, 117.124,
319.579

■ 50, 118.467,
319.275

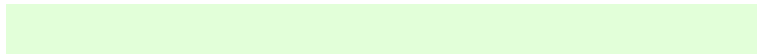
Harmonies

Complementary

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



90, 22.249, 318.339



97, 22.048, 137.009

Rectangle

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



90, 22.249, 318.339



90, 22.249, 8.339



90, 22.249, 138.339



90, 22.249, 188.339

Sweetspot

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



90, 22.246, 318.338



97, 5.914, 317.830



90, 15.074, 279.198



51, 4.206, 317.869



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 22.246, 318.338



88, 26.942, 318.478



90, 20.005, 333.312



50, 8.447, 318.093



38, 95.405, 319.414



9, 43.696, 320.394

Inverse Universe

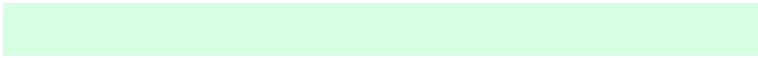
The Inverse Universe completely reimagines the original color for something new.



90, 14.617, 1.937



88, 17.784, 2.299



97, 19.907, 151.300



50, 5.506, 1.332



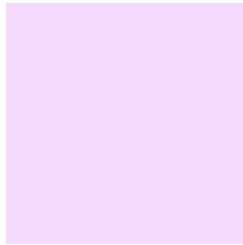
40, 73.204, 26.709



10, 31.772, 16.758

Previews

White Background



This preview shows how the CIELCh color 90, 22.249, 318.339 looks on a white background.

Color Contrast Check

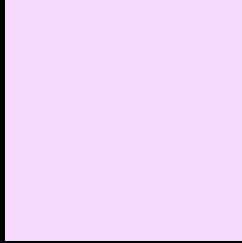
Large Text (above 18pt) WCAG AA × Fail

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 90, 22.249, 318.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

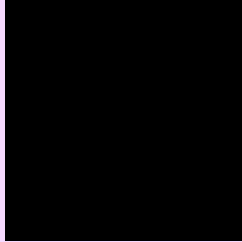
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

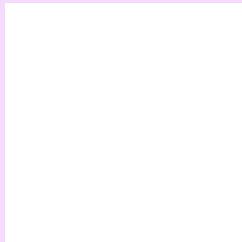
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 22.249, 318.339

Background



This preview shows how black text looks on a background with the CIELCh color 90, 22.249, 318.339.

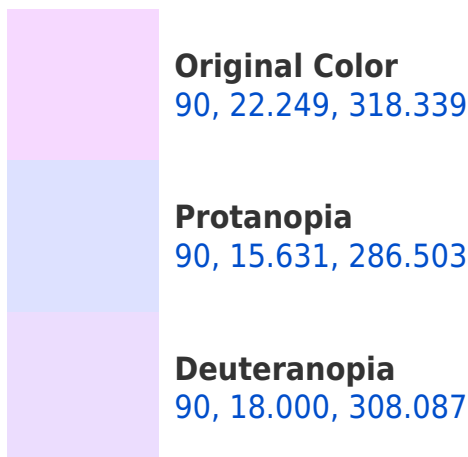


This preview shows how white text looks on a background with the CIELCh color 90, 22.249, 318.339.

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
90, 12.084, 333.346

Trichromacy



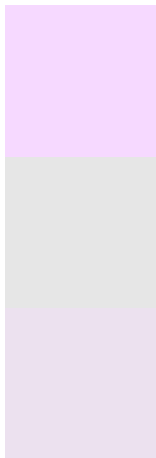
Original Color
90, 22.249, 318.339

Protanomaly
90, 17.441, 300.503

Deuteranomaly
90, 19.685, 313.066

Tritanomaly
90, 15.333, 326.083

Monochromacy



Original Color
90, 22.249, 318.339

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 8.282, 318.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 22.249, 318.339 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(246, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 217, 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(246, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 217, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 22.249, 318.339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

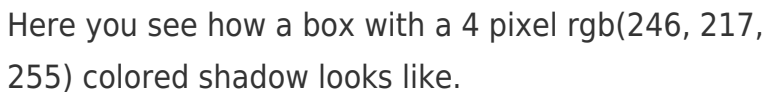
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 217, 255) }
```

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

```
.border{ border-color:rgb(246, 217, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 217, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 217, 255); box-shadow:4px 4px 4px 4px rgb(246, 217, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 22.249, 318.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 217, 255) }
```

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

```
.background{ background-color: rgb(246,  
217, 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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