

Converting Colors

CIELCh(90, 27.384, 313.943)

Have a look what the booklet for
CIELCh(90, 27.384, 313.943)
contains.

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Color

CIELCh(90, 22.879, 318.544)

Conversions

Conversions Part 1

Format	Color
Hex	F7D9FF
RGB	247, 217, 255
RGB Percent	97%, 85%, 100%
CMY	0.0333, 0.1510, 0.0000
CMYK	0.03, 0.15, 0.00, 0.00
HSL	287°, 100%, 92%
HSV	287°, 15%, 100%
XYZ	80.9996, 76.3034, 105.4979
YIQ	230.3020, 5.6820, 18.1780

Conversions

Conversions Part 2

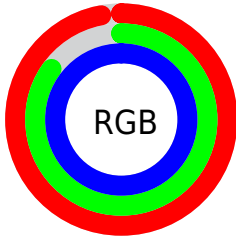
Format	Color
R_{YB}	247, 217, 255
Decimal	16243199
CIE _{Lab}	90.00, 17.15, -15.15
CIE _{LCh}	90, 22.879, 318.544
Yxy	76.3034, 0.3082, 0.2903
Android (android.graphics.Color)	4294433279 (0xFFFF7D9FF)
YUV	230.3020, 12.1761, 14.6441
Hunter-Lab	87.3518, 12.6540, -10.4604

Details

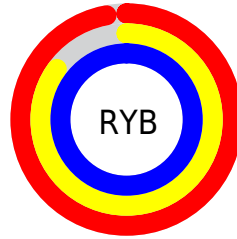
The CIELCh color **90, 22.879, 318.544** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 22.453, 137.486**, and the grayscale version is **91, 0.011, 296.813**.

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 **84, 37.885, 319.302**, and if you desaturate by 10%, it is **97, 7.579, 318.385**.

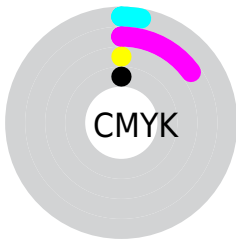
Distribution



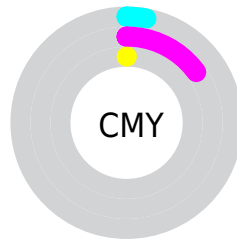
- Red (97%)
- Green (85%)
- Blue (100%)



- Red (97%)
- Yellow (85%)
- Blue (100%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 22.879, 318.544 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, 22.879, 318.544 by changing the saturation by 10% instead.

 90, 22.879,
318.544


 90, 22.879,
318.544

 100, 22.879,
318.544

 80, 22.879,
318.544

 70, 22.879,
318.544

 60, 22.879,
318.544

 50, 22.879,
318.544

 40, 22.879,
318.544

 30, 22.879,
318.544

 20, 22.879,

318.544

■ 10, 22.879,
318.544

■ 0, 22.879, 318.544

■ 90, 22.879,
318.544

■ 90, 22.879,
318.544

■ 84, 37.885,
319.302

■ 97, 7.579, 318.385

■ 77, 53.097,
319.738

100, 0.012,
296.813

■ 71, 67.956,
320.135

■ 66, 81.995,
320.459

■ 61, 94.595,
320.669

■ 57, 105.028,
320.714

■ 54, 112.610,
320.544

■ 52, 116.969,
320.120

■ 51, 118.214,
319.841

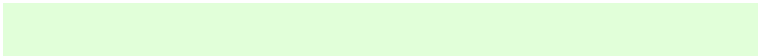
Harmonies

Complementary

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



90, 22.879, 318.544



97, 22.453, 137.486

Rectangle

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



90, 22.879, 318.544



90, 22.879, 8.544



90, 22.879, 138.544



90, 22.879, 188.544

Sweetspot

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



90, 22.643, 318.850



97, 7.433, 318.380



90, 15.574, 280.297



51, 5.074, 318.415



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, 22.643, 318.850



88, 27.055, 318.982



90, 20.035, 333.975



50, 8.485, 318.594



38, 95.158, 319.973



9, 43.604, 320.899

Inverse Universe

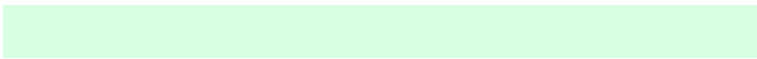
The Inverse Universe completely reimagines the original color for something new.



90, 14.730, 3.168



88, 17.685, 3.508



97, 19.925, 151.905



50, 5.470, 2.543



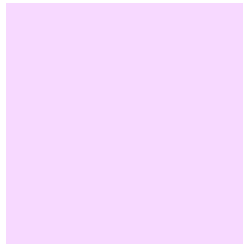
40, 73.956, 28.019



10, 31.864, 17.666

Previews

White Background



This preview shows how the CIELCh color 90, 22.879, 318.544 looks on a white background.

Color Contrast Check

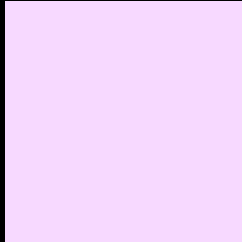
Large Text (above 18pt) WCAG AA × Fail

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, 22.879, 318.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

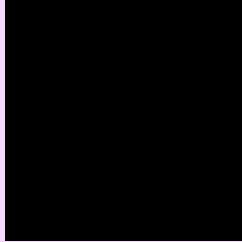
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

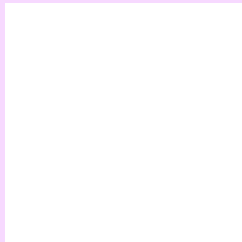
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 22.879, 318.544

Background



This preview shows how black text looks on a background with the CIELCh color 90, 22.879, 318.544.



This preview shows how white text looks on a background with the CIELCh color 90, 22.879, 318.544.

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

90, 22.405, 319.147

Protanopia

90, 15.631, 286.503

Deuteranopia

90, 18.512, 307.642



Tritanopia
90, 12.329, 334.592

Trichromacy



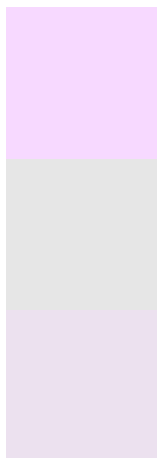
Original Color
90, 22.405, 319.147

Protanomaly
90, 17.441, 300.503

Deuteranomaly
90, 19.562, 312.115

Tritanomaly
90, 15.954, 326.061

Monochromacy



Original Color
90, 22.405, 319.147

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, 22.879, 318.544 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(247, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 217, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 22.879, 318.544 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(247, 217, 255) }
```

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

```
.border{ border-color:rgb(247, 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(247, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 217,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 22.879, 318.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 217, 255) }
```

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

```
.background{ background-color: rgb(247,  
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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