

Converting Colors

CIELCh(90, 21.565, 317.365)

Have a look what the booklet for
CIELCh(90, 21.565, 317.365)
contains.

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Color

CIElCh(90, 21.637, 318.125)

Conversions

Conversions Part 1

Format	Color
Hex	F5D9FE
RGB	245, 217, 254
RGB Percent	96%, 85%, 100%
CMY	0.0386, 0.1484, 0.0033
CMYK	0.04, 0.15, 0.00, 0.00
HSL	285°, 96%, 92%
HSV	285°, 15%, 100%
XYZ	80.4697, 76.3034, 104.3760
YIQ	229.5900, 4.8110, 17.4430

Conversions

Conversions Part 2

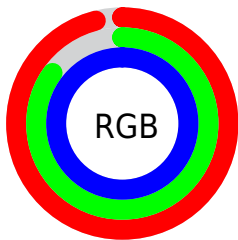
Format	Color
R _{YB}	245, 217, 254
Decimal	16112126
CIE _{Lab}	90.00, 16.11, -14.44
CIE _{LCh}	90, 21.637, 318.125
Y _{xy}	76.3034, 0.3081, 0.2922
Android (android.graphics.Color)	4294302206 (0xFFFF5D9FE)
YUV	229.5900, 12.0341, 13.5146
Hunter-Lab	87.3518, 11.5711, -9.6989

Details

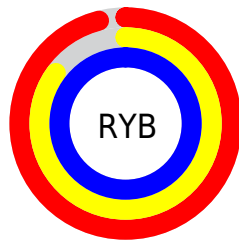
The CIELCh color **90, 21.637, 318.125** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 21.439, 136.835**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 21.604, 318.711** is the 20% darker color. If you saturate the color by 10%, you get **83, 36.760, 318.573**, and if you desaturate by 10%, it is **97, 6.712, 317.662**.

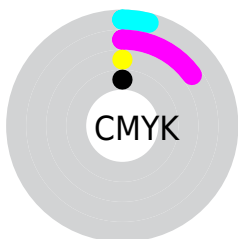
Distribution



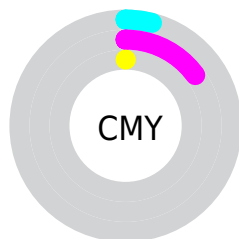
- Red (96%)
- Green (85%)
- Blue (100%)



- 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, 21.637, 318.125 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, 21.637, 318.125 by changing the saturation by 10% instead.


 90, 21.637,
318.125


 90, 21.637,
318.125


 100, 21.637,
318.125


 80, 21.637,
318.125

 70, 21.637,
318.125

 60, 21.637,
318.125

 50, 21.637,
318.125

 40, 21.637,
318.125

 30, 21.637,
318.125

 20, 21.637,

318.125

■ 10, 21.637,
318.125

■ 0, 21.637, 318.125

■ 90, 21.637,
318.125

■ 90, 21.637,
318.125

■ 83, 36.760,
318.573

■ 97, 6.712, 317.662

■ 77, 51.896,
319.009

100, 0.421,
109.963

■ 71, 66.742,
319.408

■ 66, 80.850,
319.738

■ 61, 93.616,
319.954

■ 56, 104.310,
320.002

■ 53, 112.213,
319.828

■ 51, 116.890,
319.387

■ 50, 118.357,
319.056

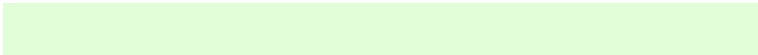
Harmonies

Complementary

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



90, 21.637, 318.125



97, 21.439, 136.835

Rectangle

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



90, 21.637, 318.125



90, 21.637, 8.125



90, 21.637, 138.125



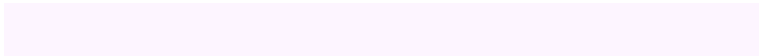
90, 21.637, 188.125

Sweetspot

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



90, 21.634, 318.124



97, 5.904, 317.633



90, 14.682, 279.147



51, 4.198, 317.672



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, 21.634, 318.124



89, 25.384, 318.235



90, 19.489, 333.287



50, 8.433, 317.896



37, 95.506, 319.197



9, 43.733, 320.198

Inverse Universe

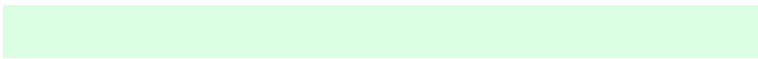
The Inverse Universe completely reimagines the original color for something new.



90, 14.266, 1.426



89, 16.797, 1.710



97, 19.395, 151.328



50, 5.520, 0.862



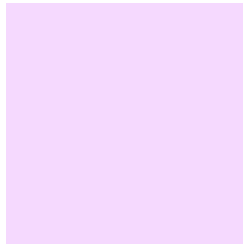
40, 72.918, 26.183



10, 31.736, 16.388

Previews

White Background



This preview shows how the CIELCh color 90, 21.637, 318.125 looks on a white background.

Color Contrast Check

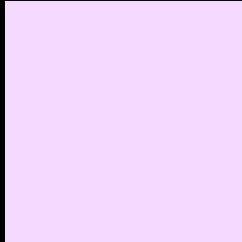
Large Text (above 18pt) WCAG AA × Fail

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, 21.637, 318.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

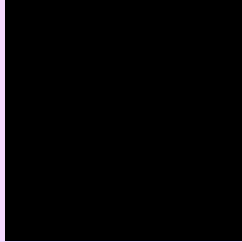
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

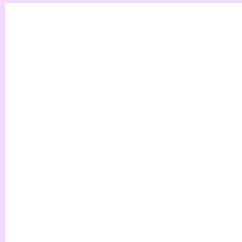
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 21.637, 318.125

Background



This preview shows how black text looks on a background with the CIELCh color 90, 21.637, 318.125.

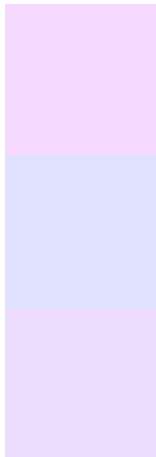


This preview shows how white text looks on a background with the CIELCh color 90, 21.637, 318.125.

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, 21.637, 318.125

Protanopia
90, 15.612, 287.728

Deuteranopia
90, 18.116, 309.139



Tritanopia
90, 12.084, 333.346

Trichromacy



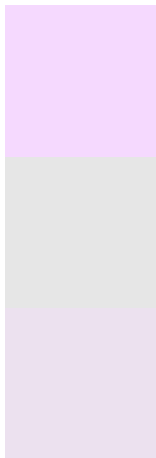
Original Color
90, 21.637, 318.125

Protanomaly
90, 17.441, 300.503

Deuteranomaly
90, 19.079, 312.660

Tritanomaly
90, 15.333, 326.083

Monochromacy



Original Color
90, 21.637, 318.125

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, 21.637, 318.125 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, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 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(245, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 21.637, 318.125 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, 217, 254) }
```

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

```
.border{ border-color:rgb(245, 217, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 217, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 254);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 21.637, 318.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 254) }
```

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

```
.background{ background-color: rgb(245,  
217, 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](#).

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