

Converting Colors

CIELCh(90, 24.088, 322.085)

Have a look what the booklet for
CIELCh(90, 24.088, 322.085)
contains.

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Color

CIELCh(90, 24.159, 321.744)

Conversions

Conversions Part 1

Format	Color
Hex	FAD7FF
RGB	250, 215, 255
RGB Percent	98%, 84%, 100%
CMY	0.0188, 0.1560, 0.0000
CMYK	0.02, 0.16, 0.00, 0.00
HSL	293°, 100%, 92%
HSV	293°, 16%, 100%
XYZ	81.9382, 76.3034, 105.1972
YIQ	230.0250, 8.0200, 19.8600

Conversions

Conversions Part 2

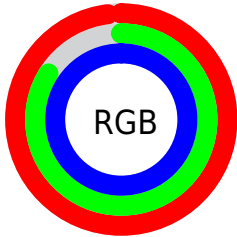
Format	Color
R _Y B	250, 215, 255
Decimal	16439295
CIE _{Lab}	90.00, 18.97, -14.96
CIE _{LCh}	90, 24.159, 321.744
Y _{xy}	76.3034, 0.3110, 0.2896
Android (android.graphics.Color)	4294629375 (0xFFFAD7FF)
Y _{UV}	230.0250, 12.3127, 17.5181
Hunter-Lab	87.3518, 14.5719, -10.2563

Details

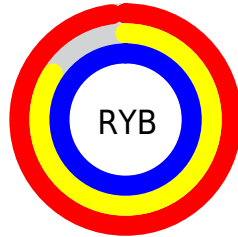
The CIELCh color **90, 24.159, 321.744** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 23.948, 140.318**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 24.068, 321.706** is the 20% darker color. If you saturate the color by 10%, you get **84, 39.632, 322.362**, and if you desaturate by 10%, it is **96, 8.580, 321.376**.

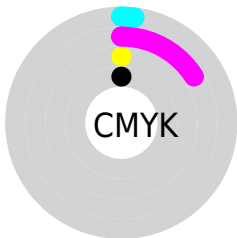
Distribution



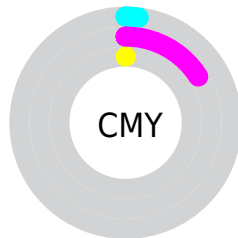
- Red (98%)
- Green (84%)
- Blue (100%)



- Red (98%)
- Yellow (84%)
- Blue (100%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 24.159, 321.744 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, 24.159, 321.744 by changing the saturation by 10% instead.

 90, 24.159,
321.744

 90, 24.159,
321.744

 100, 24.159,
321.744


 80, 24.159,
321.744

 70, 24.159,
321.744

 60, 24.159,
321.744

 50, 24.159,
321.744

 40, 24.159,
321.744

 30, 24.159,
321.744

 20, 24.159,

321.744

■ 10, 24.159,
321.744

■ 0, 24.159, 321.744

■ 90, 24.159,
321.744

■ 90, 24.159,
321.744

■ 84, 39.632,
322.362

■ 96, 8.580, 321.376

■ 78, 55.030,
322.823

100, 0.012,
296.813

■ 72, 69.871,
323.241

■ 67, 83.637,
323.588

■ 63, 95.690,
323.833

■ 60, 105.356,
323.943

■ 57, 112.091,
323.887

■ 56, 115.714,
323.651

■ 55, 116.614,
323.506

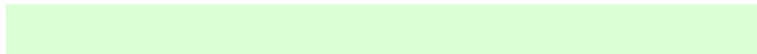
Harmonies

Complementary

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



90, 24.159, 321.744



97, 23.948, 140.318

Rectangle

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



90, 24.159, 321.744



90, 24.159, 11.744



90, 24.159, 141.744



90, 24.159, 191.744

Sweetspot

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



90, 24.062, 321.879



97, 7.654, 321.343



89, 18.046, 286.022



51, 5.224, 321.381



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, 24.062, 321.879



88, 29.352, 322.044



90, 19.304, 338.268



50, 8.732, 321.577



41, 93.904, 323.584



11, 43.136, 324.127

Inverse Universe

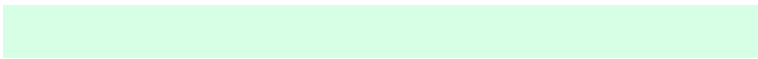
The Inverse Universe completely reimagines the original color for something new.



89, 14.855, 10.912



87, 18.280, 11.295



97, 19.110, 155.913



50, 5.309, 10.270



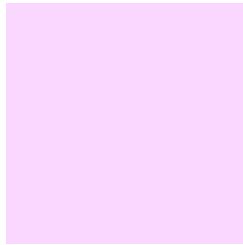
40, 78.987, 34.869



10, 32.466, 22.270

Previews

White Background



This preview shows how the CIELCh color 90, 24.159, 321.744 looks on a white background.

Color Contrast Check

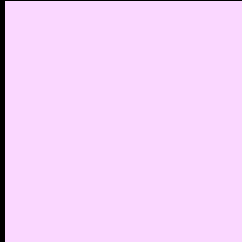
Large Text (above 18pt) WCAG AA × Fail

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, 24.159, 321.744 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, 24.159, 321.744

Background



This preview shows how black text looks on a background with the CIELCh color 90, 24.159, 321.744.

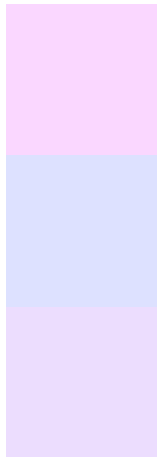


This preview shows how white text looks on a background with the CIELCh color 90, 24.159, 321.744.

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, 24.159, 321.744

Protanopia

90, 15.631, 286.503

Deuteranopia

90, 18.000, 308.087



Tritanopia
90, 13.374, 339.132

Trichromacy



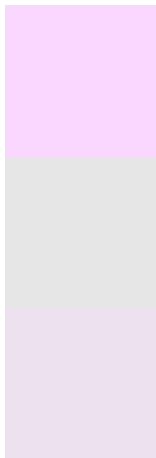
Original Color
90, 24.159, 321.744

Protanomaly
90, 18.159, 303.469

Deuteranomaly
90, 19.814, 314.006

Tritanomaly
90, 16.815, 330.111

Monochromacy



Original Color
90, 24.159, 321.744

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 8.455, 320.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 24.159, 321.744 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(250, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 215, 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(250, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 215, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 24.159, 321.744 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(250, 215, 255) }
```

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

```
.border{ border-color:rgb(250, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 215,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 24.159, 321.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 215, 255) }
```

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

```
.background{ background-color: rgb(250,  
215, 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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