

Converting Colors

CIELCh(90, 23.528, 321.631)

Have a look what the booklet for
CIELCh(90, 23.528, 321.631)
contains.

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Color

CIELCh(90, 23.528, 321.631)

Conversions

Conversions Part 1

Format	Color
Hex	FAD8FF
RGB	250, 216, 255
RGB Percent	98%, 85%, 100%
CMY	0.0215, 0.1547, 0.0018
CMYK	0.02, 0.15, 0.00, 0.00
HSL	292°, 98%, 92%
HSV	292°, 15%, 100%
XYZ	81.6677, 76.3034, 104.6327
YIQ	230.6120, 7.7450, 19.3370

Conversions

Conversions Part 2

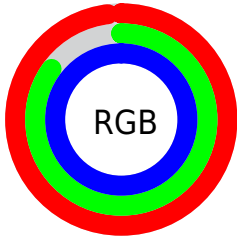
Format	Color
R_{YB}	250, 216, 255
Decimal	16439551
CIE _{Lab}	90.00, 18.45, -14.60
CIE _{LCh}	90, 23.528, 321.631
Yxy	76.3034, 0.3110, 0.2906
Android (android.graphics.Color)	4294629631 (0xFF _{FAD8FF})
YUV	230.6120, 12.0233, 17.0033
Hunter-Lab	87.3518, 14.0191, -9.8731

Details

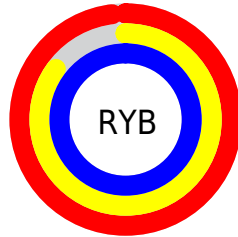
The CIELCh color **90, 23.528, 321.631** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 23.409, 140.115**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 23.406, 321.577** is the 20% darker color. If you saturate the color by 10%, you get **84, 39.046, 322.111**, and if you desaturate by 10%, it is **96, 8.106, 321.131**.

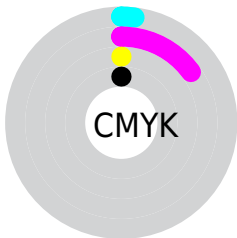
Distribution



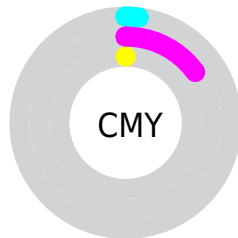
- Red (98%)
- Green (85%)
- Blue (100%)



- Red (98%)
- Yellow (85%)
- Blue (100%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (15%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 23.528, 321.631 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, 23.528, 321.631 by changing the saturation by 10% instead.


 90, 23.528,
321.631


 90, 23.528,
321.631


 100, 23.528,
321.631


 80, 23.528,
321.631

 70, 23.528,
321.631

 60, 23.528,
321.631

 50, 23.528,
321.631

 40, 23.528,
321.631

 30, 23.528,
321.631

 20, 23.528,

321.631

■ 10, 23.528,
321.631

■ 0, 23.528, 321.631

■ 90, 23.528,
321.631

■ 90, 23.528,
321.631

■ 84, 39.046,
322.111

■ 96, 8.106, 321.131

■ 78, 54.413,
322.570

100, 0.228,
109.821

■ 72, 69.252,
322.986

■ 67, 83.053,
323.332

■ 63, 95.182,
323.575

■ 59, 104.960,
323.681

■ 57, 111.827,
323.618

■ 55, 115.575,
323.369

■ 55, 116.554,
323.204

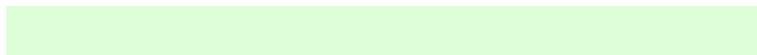
Harmonies

Complementary

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



90, 23.528, 321.631



97, 23.409, 140.115

Rectangle

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



90, 23.528, 321.631



90, 23.528, 11.631



90, 23.528, 141.631



90, 23.528, 191.631

Sweetspot

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



90, 23.525, 321.631



97, 7.635, 321.114



89, 17.678, 285.983



51, 5.212, 321.151



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, 23.525, 321.631



88, 27.733, 321.761



90, 18.916, 338.245



50, 8.711, 321.345



41, 93.986, 323.287



11, 43.167, 323.863

Inverse Universe

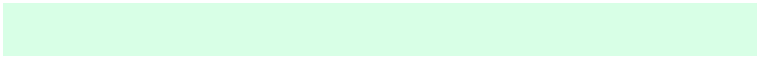
The Inverse Universe completely reimagines the original color for something new.



90, 14.566, 10.256



88, 17.286, 10.558



97, 18.728, 155.939



50, 5.318, 9.640



40, 78.587, 34.411



10, 32.415, 21.936

Previews

White Background



This preview shows how the CIE LCh color 90, 23.528, 321.631 looks on a white background.

Color Contrast Check

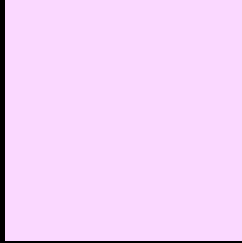
Large Text (above 18pt) WCAG AA × Fail

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, 23.528, 321.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

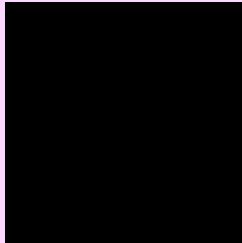
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

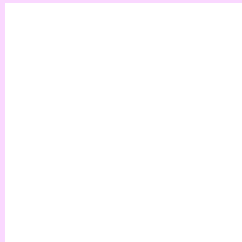
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 23.528, 321.631

Background



This preview shows how black text looks on a background with the CIELCh color 90, 23.528, 321.631.



This preview shows how white text looks on a background with the CIELCh color 90, 23.528, 321.631.

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, 23.528, 321.631

Protanopia

90, 15.631, 286.503

Deuteranopia

90, 18.000, 308.087



Tritanopia
90, 13.374, 339.132

Trichromacy



Original Color
90, 23.528, 321.631



Protanomaly
90, 17.500, 301.606



Deuteranomaly
90, 19.814, 314.006

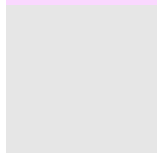


Tritanomaly
90, 16.815, 330.111

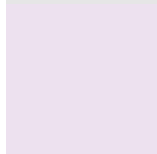
Monochromacy



Original Color
90, 23.528, 321.631



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, 23.528, 321.631 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, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 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, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 23.528, 321.631 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, 216, 255) }
```

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

```
.border{ border-color:rgb(250, 216, 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, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 23.528, 321.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 255) }
```

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

```
.background{ background-color: rgb(250,  
216, 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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