

Converting Colors

CIELCh(90, 23.144, 323.057)

Have a look what the booklet for
CIELCh(90, 23.144, 323.057)
contains.

CIELCh(90, 23.283, 323.045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(90, 23.283, 323.045)

Conversions

Conversions Part 1

Format	Color
Hex	FAD7FD
RGB	250, 215, 253
RGB Percent	98%, 84%, 99%
CMY	0.0181, 0.1554, 0.0063
CMYK	0.01, 0.15, 0.00, 0.01
HSL	295°, 92%, 92%
HSV	295°, 15%, 99%
XYZ	81.7497, 76.3034, 103.6703
YIQ	229.7970, 8.6620, 19.2380

Conversions

Conversions Part 2

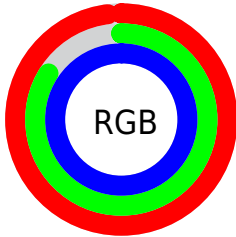
Format	Color
R _Y B	250, 215, 253
Decimal	16439293
CIE Lab	90.00, 18.61, -14.00
CIE LCh	90, 23.283, 323.045
Yxy	76.3034, 0.3124, 0.2915
Android (android.graphics.Color)	4294629373 (0xFFFAD7FD)
YUV	229.7970, 11.4391, 17.7180
Hunter-Lab	87.3518, 14.1866, -9.2200

Details

The CIELCh color **90, 23.283, 323.045** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 23.204, 141.475**, 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, 23.146, 323.075** is the 20% darker color. If you saturate the color by 10%, you get **84, 38.919, 323.549**, and if you desaturate by 10%, it is **96, 7.710, 322.517**.

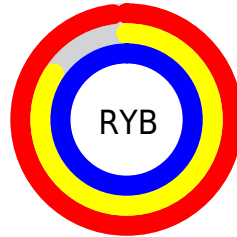
Distribution



Red (98%)

Green (84%)

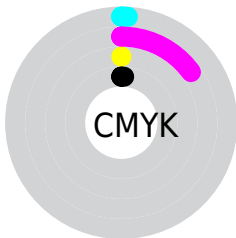
Blue (99%)



Red (98%)

Yellow (84%)

Blue (99%)

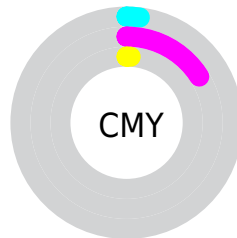


Cyan (1%)

Magenta (15%)

Yellow (0%)

Black (1%)



Cyan (2%)


Magenta (16%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 23.283, 323.045 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, 23.283, 323.045 by changing the saturation by 10% instead.


 90, 23.283,
323.045


 90, 23.283,
323.045


 100, 23.283,
323.045


 80, 23.283,
323.045

 70, 23.283,
323.045

 60, 23.283,
323.045

 50, 23.283,
323.045

 40, 23.283,
323.045

 30, 23.283,
323.045

 20, 23.283,

323.045

■ 10, 23.283,
323.045

■ 0, 23.283, 323.045

■ 90, 23.283,
323.045

■ 90, 23.283,
323.045

■ 84, 38.919,
323.549

■ 96, 7.710, 322.517

■ 78, 54.351,
324.031

100, 0.837,
124.852

■ 73, 69.182,
324.472

100, 0.807,
110.022

■ 68, 82.888,
324.848

■ 64, 94.838,
325.132

■ 61, 104.387,
325.299

■ 58, 111.032,
325.325

■ 57, 114.625,
325.202

■ 57, 115.583,
325.098

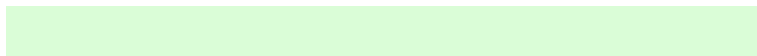
Harmonies

Complementary

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



90, 23.283, 323.045



96, 23.204, 141.475

Rectangle

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



90, 23.283, 323.045



90, 23.283, 13.045



90, 23.283, 143.045



90, 23.283, 193.045

Sweetspot

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



90, 23.280, 323.045



97, 6.197, 322.457



88, 18.220, 288.339



52, 4.406, 322.502



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, 23.280, 323.045



89, 28.120, 323.198



90, 17.827, 340.587



50, 8.840, 322.761



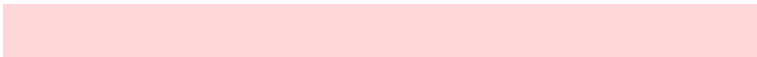
43, 93.533, 325.150



11, 42.997, 325.515

Inverse Universe

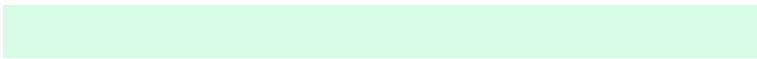
The Inverse Universe completely reimagines the original color for something new.



89, 14.105, 14.113



88, 17.189, 14.430



96, 17.600, 158.226



50, 5.273, 13.569



40, 80.944, 36.956



10, 32.749, 23.987

Previews

White Background



This preview shows how the CIELCh color 90, 23.283, 323.045 looks on a white background.

Color Contrast Check

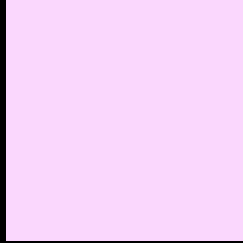
Large Text (above 18pt) WCAG AA × Fail

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, 23.283, 323.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

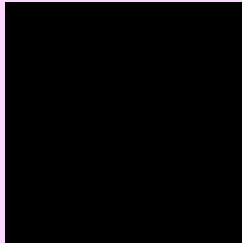
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

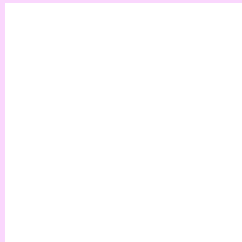
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 23.283, 323.045

Background



This preview shows how black text looks on a background with the CIELCh color 90, 23.283, 323.045.

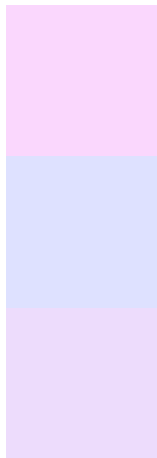


This preview shows how white text looks on a background with the CIELCh color 90, 23.283, 323.045.

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, 23.283, 323.045

Protanopia
90, 15.612, 287.728

Deuteranopia
90, 17.735, 310.710



Tritanopia
90, 14.256, 339.534

Trichromacy



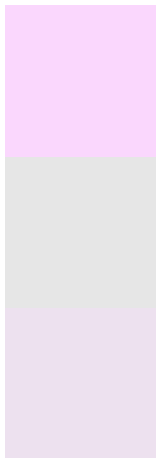
Original Color
90, 23.283, 323.045

Protanomaly
90, 17.057, 303.023

Deuteranomaly
90, 20.103, 315.856

Tritanomaly
90, 17.283, 331.995

Monochromacy



Original Color
90, 23.283, 323.045

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, 23.283, 323.045 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(250, 215, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 215, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 23.283, 323.045 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, 253) }
```

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

```
.border{ border-color:rgb(250, 215, 253) }
```

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, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 215, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 215, 253);  
box-shadow:4px 4px 4px 4px rgb(250, 215,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 23.283, 323.045 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, 253) }
```

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

```
.background{ background-color: rgb(250,  
215, 253) }
```

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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