

Converting Colors

CIELCh(93, 35.590, 353.408)

Have a look what the booklet for
CIELCh(93, 35.590, 353.408)
contains.

CIELCh(89, 23.817, 333.290)	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(89, 23.817, 333.290)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2F4
RGB	255, 210, 244
RGB Percent	100%, 82%, 96%
CMY	0.0000, 0.1750, 0.0416
CMYK	0.00, 0.17, 0.04, 0.00
HSL	314°, 100%, 91%
HSV	314°, 17%, 100%
XYZ	80.9065, 74.1641, 95.9413
YIQ	227.3310, 15.9060, 20.1140

Conversions

Conversions Part 2

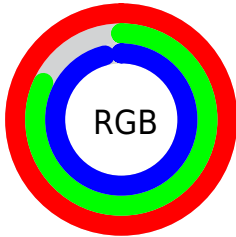
Format	Color
R_{YB}	255, 210, 244
Decimal	16765684
CIE _{Lab}	89.00, 21.28, -10.71
CIE _{LCh}	89, 23.817, 333.290
Yxy	74.1641, 0.3223, 0.2955
Android (android.graphics.Color)	4294955764 (0xFFFFD2F4)
YUV	227.3310, 8.2178, 24.2657
Hunter-Lab	86.1186, 16.9892, -5.7696

Details

The CIELCh color **89, 23.817, 333.290** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 23.607, 150.652**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 24.098, 333.099** is the 20% darker color. If you saturate the color by 10%, you get **83, 37.339, 333.743**, and if you desaturate by 10%, it is **95, 10.106, 332.339**.

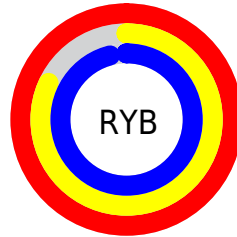
Distribution



Red (100%)

Green (82%)

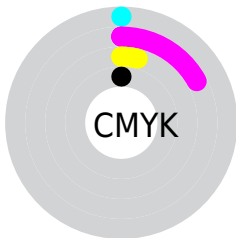
Blue (96%)



Red (100%)

Yellow (82%)

Blue (96%)

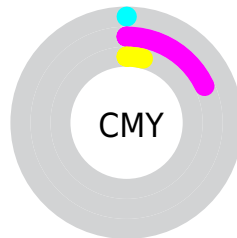


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 23.817, 333.290 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 89, 23.817, 333.290 by changing the saturation by 10% instead.


 89, 23.817,
333.290

 89, 23.817,
333.290


 100, 23.817,
333.290


 79, 23.817,
333.290

 69, 23.817,
333.290

 59, 23.817,
333.290

 49, 23.817,
333.290

 39, 23.817,
333.290

 29, 23.817,
333.290

 19, 23.817,

333.290

■ 9, 23.817, 333.290

■ 0, 23.817, 333.290

■ 89, 23.817,
333.290

■ 89, 23.817,
333.290

■ 83, 37.339,
333.743

■ 95, 10.106,
332.339

■ 77, 50.656,
334.485

100, 0.012,
296.813

■ 72, 63.252,
335.266

■ 67, 74.580,
336.096

■ 64, 84.000,

336.997

■ 61, 90.896,
338.001

■ 59, 94.856,
339.154

■ 57, 95.918,
340.509

■ 57, 95.944,
340.871

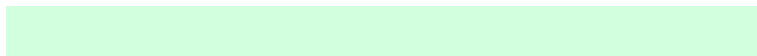
Harmonies

Complementary

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



89, 23.817, 333.290



96, 23.607, 150.652

Rectangle

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



89, 23.817, 333.290



89, 23.817, 23.290



89, 23.817, 153.290



89, 23.817, 203.290

Sweetspot

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



89, 23.725, 333.033



97, 6.726, 332.157



86, 23.764, 300.530



51, 4.591, 332.209



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 23.725, 333.033



87, 28.504, 333.278



88, 17.468, 0.071



50, 7.673, 332.479



43, 77.505, 340.597



11, 36.403, 338.763

Inverse Universe

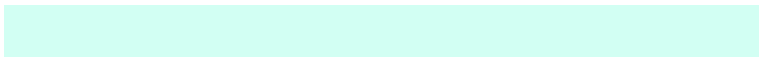
The Inverse Universe completely reimagines the original color for something new.



89, 23.725, 333.033



87, 28.504, 333.278



97, 16.496, 176.681



50, 7.673, 332.479



43, 77.505, 340.597



11, 36.403, 338.763

Previews

White Background



This preview shows how the CIELCh color 89, 23.817, 333.290 looks on a white background.

Color Contrast Check

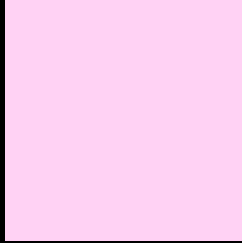
Large Text (above 18pt) WCAG AA × Fail

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 89, 23.817, 333.290 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 89, 23.817, 333.290

Background



This preview shows how black text looks on a background with the CIELCh color 89, 23.817, 333.290.



This preview shows how white text looks on a background with the CIELCh color 89, 23.817, 333.290.

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
89, 23.817, 333.290

Protanopia
89, 15.651, 287.747

Deuteranopia
89, 15.330, 318.334

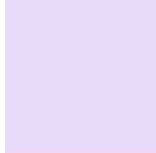


Tritanopia
89, 16.951, 349.350

Trichromacy



Original Color
89, 23.817, 333.290



Protanomaly
89, 16.949, 307.956



Deuteranomaly
89, 18.291, 325.081

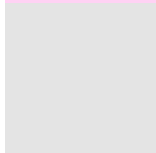


Tritanomaly
89, 19.244, 342.525

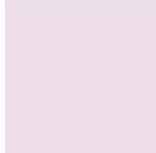
Monochromacy



Original Color
89, 23.817, 333.290



Achromatopsia
91, 0.011, 296.813



Achromatomaly
90, 8.488, 332.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 23.817, 333.290 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(255, 210, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 244)  
}
```

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(255, 210, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 23.817, 333.290 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(255, 210, 244) }
```

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

```
.border{ border-color:rgb(255, 210, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 23.817, 333.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 244) }
```

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

```
.background{ background-color: rgb(255,  
210, 244) }
```

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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