

Converting Colors

CIELCh(89, 22.169, 330.933)

Have a look what the booklet for
CIELCh(89, 22.169, 330.933)
contains.

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Color

CIElCh(89, 21.876, 331.519)

Conversions

Conversions Part 1

Format	Color
Hex	FCD4F4
RGB	252, 212, 244
RGB Percent	99%, 83%, 96%
CMY	0.0126, 0.1694, 0.0439
CMYK	0.00, 0.16, 0.03, 0.01
HSL	312°, 86%, 91%
HSV	312°, 16%, 99%
XYZ	79.8625, 74.1641, 95.5318
YIQ	227.6080, 13.5680, 18.4320

Conversions

Conversions Part 2

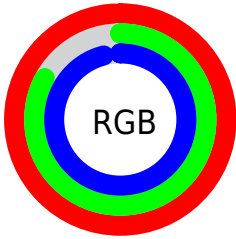
Format	Color
R_{YB}	252, 212, 244
Decimal	16569588
CIE _{Lab}	89.00, 19.23, -10.43
CIE _{LCh}	89, 21.876, 331.519
Yxy	74.1641, 0.3200, 0.2972
Android (android.graphics.Color)	4294759668 (0xFFFC4D4F)
YUV	227.6080, 8.0813, 21.3918
Hunter-Lab	86.1186, 14.8252, -5.4877

Details

The CIELCh color **89, 21.876, 331.519** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 21.794, 149.449**, 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, 22.079, 331.177** is the 20% darker color. If you saturate the color by 10%, you get **83, 35.718, 332.192**, and if you desaturate by 10%, it is **95, 8.051, 330.850**.

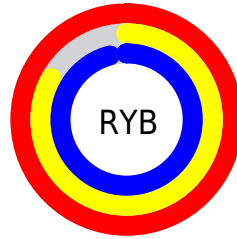
Distribution



Red (99%)

Green (83%)

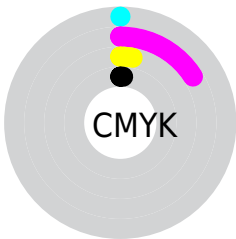
Blue (96%)



Red (99%)

Yellow (83%)

Blue (96%)

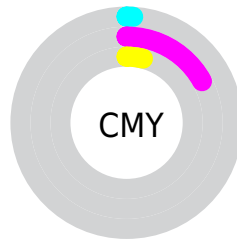


Cyan (0%)

Magenta (16%)

Yellow (3%)

Black (1%)



Cyan (1%)


Magenta (17%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 21.876, 331.519 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, 21.876, 331.519 by changing the saturation by 10% instead.


 89, 21.876,
331.519


 89, 21.876,
331.519


 100, 21.876,
331.519


 79, 21.876,
331.519

 69, 21.876,
331.519

 59, 21.876,
331.519

 49, 21.876,
331.519

 39, 21.876,
331.519

 29, 21.876,
331.519

 19, 21.876,

331.519

■ 9, 21.876, 331.519

■ 0, 21.876, 331.519

■ 89, 21.876,
331.519

■ 89, 21.876,
331.519

■ 83, 35.718,
332.192

■ 95, 8.051, 330.850

■ 77, 49.304,
332.884

100, 1.256,
172.738

■ 72, 62.229,
333.597

100, 1.113,
199.930

■ 68, 73.964,
334.338

■ 64, 83.883,

335.115

■ 61, 91.369,
335.949

■ 58, 95.972,
336.872

■ 57, 97.625,
337.924

■ 57, 97.740,
338.391

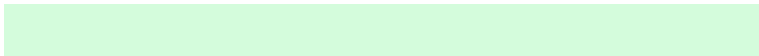
Harmonies

Complementary

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



89, 21.876, 331.519



95, 21.794, 149.449

Rectangle

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



89, 21.876, 331.519



89, 21.876, 21.519



89, 21.876, 151.519



89, 21.876, 201.519

Sweetspot

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



89, 21.873, 331.520



97, 6.911, 330.787



87, 21.216, 299.194



51, 4.717, 330.837



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, 21.873, 331.520



88, 26.470, 331.728



88, 15.867, 357.521



49, 7.753, 331.096



43, 78.897, 338.175



11, 36.379, 336.676

Inverse Universe

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



89, 21.873, 331.520



88, 26.470, 331.728



96, 15.153, 174.487



49, 7.753, 331.096



43, 78.897, 338.175



11, 36.379, 336.676

Previews

White Background



This preview shows how the CIELCh color 89, 21.876, 331.519 looks on a white background.

Color Contrast Check

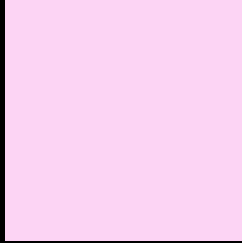
Large Text (above 18pt) WCAG AA × Fail

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, 21.876, 331.519 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, 21.876, 331.519

Background



This preview shows how black text looks on a background with the CIELCh color 89, 21.876, 331.519.



This preview shows how white text looks on a background with the CIELCh color 89, 21.876, 331.519.

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, 21.876, 331.519

Protanopia
89, 14.599, 288.707

Deuteranopia
89, 15.330, 318.334



Tritanopia
89, 15.714, 346.424

Trichromacy



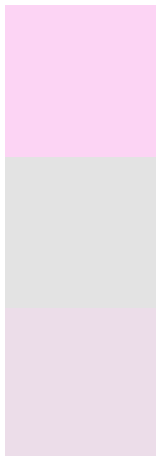
Original Color
89, 21.876, 331.519

Protanomaly
89, 16.452, 308.461

Deuteranomaly
89, 17.478, 324.079

Tritanomaly
89, 18.129, 339.539

Monochromacy



Original Color
89, 21.876, 331.519

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 8.258, 330.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 21.876, 331.519 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(252, 212, 244)` looks like.

```
.text, #text, p{  
    color:rgb(252, 212, 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(252, 212, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 212, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 21.876, 331.519 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(252, 212, 244) }
```

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

```
.border{ border-color:rgb(252, 212, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 212, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 212, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 212, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 212,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 21.876, 331.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 212, 244) }
```

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

```
.background{ background-color: rgb(252,  
212, 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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