

Converting Colors

CIELCh(89, 21.007, 323.866)

Have a look what the booklet for
CIELCh(89, 21.007, 323.866)
contains.

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Color

CIELCh(89, 20.589, 324.329)

Conversions

Conversions Part 1

Format	Color
Hex	F6D6F7
RGB	246, 214, 247
RGB Percent	96%, 84%, 97%
CMY	0.0366, 0.1620, 0.0326
CMYK	0.00, 0.13, 0.00, 0.03
HSL	298°, 66%, 90%
HSV	298°, 13%, 97%
XYZ	78.5985, 74.1641, 97.9074
YIQ	227.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

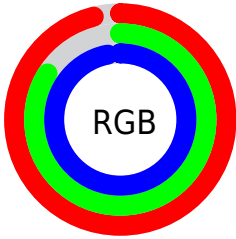
Format	Color
RYB	246, 214, 247
Decimal	16176887
CIELab	89.00, 16.73, -12.01
CIELCh	89, 20.589, 324.329
Yxy	74.1641, 0.3136, 0.2959
Android (android.graphics.Color)	4294366967 (0xFFFF6D6F7)
YUV	227.3300, 9.6973, 16.3736
Hunter-Lab	86.1186, 12.2053, -7.1232

Details

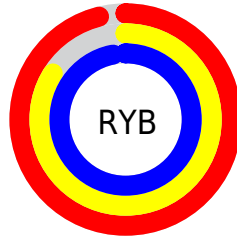
The CIELCh color $89, 20.589, 324.329$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 20.549, 142.859$, and the grayscale version is $90, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 20.976, 324.472$ is the 20% darker color. If you saturate the color by 10%, you get $83, 36.078, 324.864$, and if you desaturate by 10%, it is $95, 5.162, 323.755$.

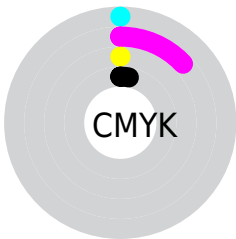
Distribution



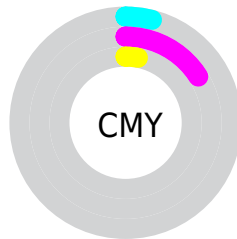
- Red (96%)
- Green (84%)
- Blue (97%)



- Red (96%)
- Yellow (84%)
- Blue (97%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)





- Cyan (4%)
- Magenta (16%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 20.589, 324.329 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, 20.589, 324.329 by changing the saturation by 10% instead.


 89, 20.589,
324.329


 89, 20.589,
324.329


 100, 20.589,
324.329


 79, 20.589,
324.329

 69, 20.589,
324.329

 59, 20.589,
324.329

 49, 20.589,
324.329

 39, 20.589,
324.329

 29, 20.589,
324.329

 19, 20.589,

324.329

■ 9, 20.589, 324.329

■ 0, 20.589, 324.329

■ 89, 20.589,
324.329

■ 89, 20.589,
324.329

■ 83, 36.078,
324.864

■ 95, 5.162, 323.755

■ 78, 51.362,
325.378

■ 99, 5.061, 142.724

■ 99, 4.920, 140.199

■ 73, 66.049,
325.856

■ 99, 4.790, 137.525

■ 68, 79.629,
326.278

■ 99, 4.670, 134.704

■ 99, 4.562, 131.737

■ 64, 91.499,

326.625

99, 4.466, 128.629

61, 101.047,
326.877

100, 4.385,
125.392

59, 107.802,
327.018

100, 4.318,
122.039

58, 111.613,
327.047

57, 112.862,
327.016

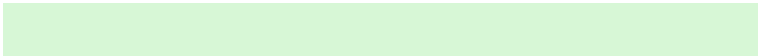
Harmonies

Complementary

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



89, 20.589, 324.329



94, 20.549, 142.859

Rectangle

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



89, 20.589, 324.329



89, 20.589, 14.329



89, 20.589, 144.329



89, 20.589, 194.329

Sweetspot

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



89, 20.586, 324.329



97, 6.291, 323.797



87, 16.719, 290.294



52, 4.473, 323.845



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, 20.586, 324.329



90, 25.332, 324.473



89, 15.009, 342.979



48, 8.676, 324.116



43, 91.357, 327.037



10, 40.610, 327.194

Inverse Universe

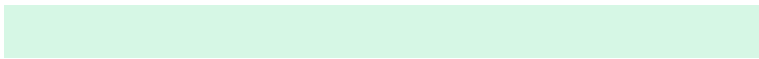
The Inverse Universe completely reimagines the original color for something new.



88, 12.205, 17.829



89, 15.152, 18.075



94, 14.789, 160.809



48, 5.080, 17.485



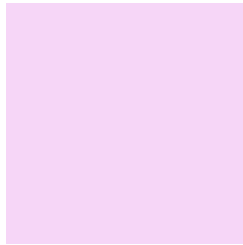
39, 81.204, 38.787



8, 30.831, 23.796

Previews

White Background



This preview shows how the CIELCh color 89, 20.589, 324.329 looks on a white background.

Color Contrast Check

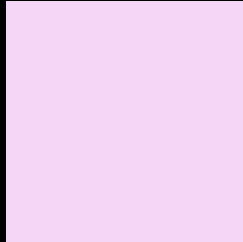
Large Text (above 18pt) WCAG AA × Fail

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, 20.589, 324.329 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, 20.589, 324.329

Background



This preview shows how black text looks on a background with the CIELCh color 89, 20.589, 324.329.

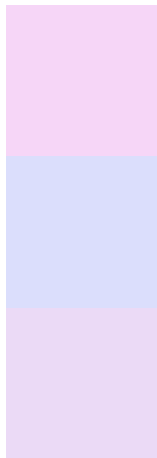


This preview shows how white text looks on a background with the CIELCh color 89, 20.589, 324.329.

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, 20.589, 324.329

Protanopia

89, 15.651, 287.747

Deuteranopia

89, 15.823, 313.193



Tritanopia
89, 13.406, 339.143

Trichromacy



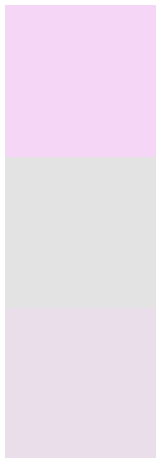
Original Color
89, 20.589, 324.329

Protanomaly
89, 16.590, 303.373

Deuteranomaly
89, 17.659, 318.323

Tritanomaly
89, 16.079, 332.493

Monochromacy



Original Color
89, 20.589, 324.329

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 7.600, 324.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 20.589, 324.329 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(246, 214, 247)` looks like.

```
.text, #text, p{  
    color:rgb(246, 214, 247)  
}
```

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(246, 214, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 214, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 20.589, 324.329 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(246, 214, 247) }
```

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

```
.border{ border-color:rgb(246, 214, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 214, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 214, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 214, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 214,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 20.589, 324.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 214, 247) }
```

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

```
.background{ background-color: rgb(246,  
214, 247) }
```

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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