

Converting Colors

CIELCh(87, 28.208, 331.811)

Have a look what the booklet for
CIELCh(87, 28.208, 331.811)
contains.

CIELCh(87, 28.595, 331.550)	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(87, 28.595, 331.550)

Conversions

Conversions Part 1

Format	Color
Hex	FECAF4
RGB	254, 202, 244
RGB Percent	100%, 79%, 96%
CMY	0.0030, 0.2069, 0.0422
CMYK	0.00, 0.20, 0.04, 0.00
HSL	312°, 97%, 90%
HSV	312°, 20%, 100%
XYZ	78.4955, 70.0064, 95.1464
YIQ	222.3360, 17.5100, 24.0860

Conversions

Conversions Part 2

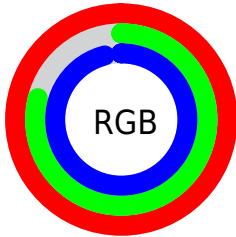
Format	Color
RYB	254, 202, 244
Decimal	16698100
CIELab	87.00, 25.14, -13.62
CIELCh	87, 28.595, 331.550
Yxy	70.0064, 0.3222, 0.2873
Android (android.graphics.Color)	4294888180 (0xFFFECAF4)
YUV	222.3360, 10.6804, 27.7693
Hunter-Lab	83.6698, 21.0389, -8.8537

Details

The CIELCh color **87, 28.595, 331.550** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 28.484, 148.818**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 28.448, 331.509** is the 20% darker color. If you saturate the color by 10%, you get **81, 42.539, 332.224**, and if you desaturate by 10%, it is **93, 14.549, 330.891**.

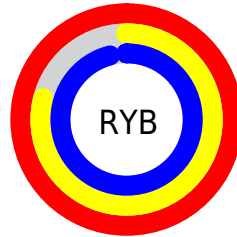
Distribution



Red (100%)

Green (79%)

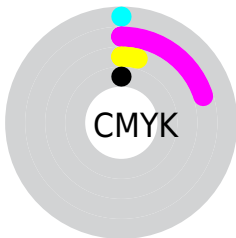
Blue (96%)



Red (100%)

Yellow (79%)

Blue (96%)

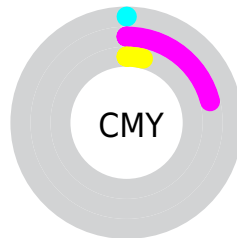


Cyan (0%)

Magenta (20%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 28.595, 331.550 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 87, 28.595, 331.550 by changing the saturation by 10% instead.

 87, 28.595,
331.550

 87, 28.595,
331.550


 100, 28.595,
331.550


 77, 28.595,
331.550

 67, 28.595,
331.550

 57, 28.595,
331.550

 47, 28.595,
331.550

 37, 28.595,
331.550

 27, 28.595,
331.550

 17, 28.595,

331.550

■ 7, 28.595, 331.550

■ 0, 28.595, 331.550

■ 87, 28.595,
331.550

■ 87, 28.595,
331.550

■ 81, 42.539,
332.224

■ 93, 14.549,
330.891

■ 76, 56.051,
332.917

■ 99, 0.638, 329.716

■ 71, 68.660,
333.629

■ 100, 0.266,
201.885

■ 66, 79.779,
334.367

■ 63, 88.766,

335.144

■ 60, 95.051,
335.983

■ 58, 98.334,
336.917

■ 58, 99.021,
337.922

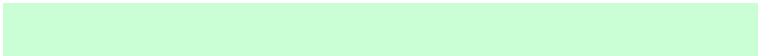
Harmonies

Complementary

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



87, 28.595, 331.550



95, 28.484, 148.818

Rectangle

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



87, 28.595, 331.550



87, 28.595, 21.550



87, 28.595, 151.550



87, 28.595, 201.550

Sweetspot

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



87, 28.592, 331.551



96, 8.344, 330.591



84, 27.751, 299.005



51, 5.537, 330.636



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 28.592, 331.551



85, 35.045, 331.855



86, 20.930, 356.906



50, 7.926, 330.828



43, 80.136, 337.722



11, 37.516, 336.364

Inverse Universe

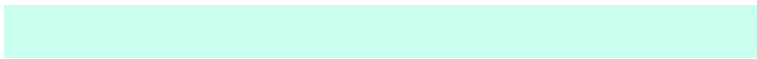
The Inverse Universe completely reimagines the original color for something new.



87, 28.592, 331.551



85, 35.045, 331.855



96, 19.783, 172.864



50, 7.926, 330.828



43, 80.136, 337.722



11, 37.516, 336.364

Previews

White Background



This preview shows how the CIELCh color 87, 28.595, 331.550 looks on a white background.

Color Contrast Check

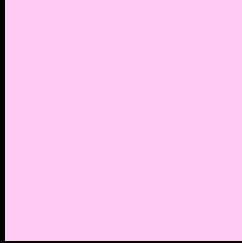
Large Text (above 18pt) WCAG AA × Fail

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 87, 28.595, 331.550 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 87, 28.595, 331.550

Background



This preview shows how black text looks on a background with the CIELCh color 87, 28.595, 331.550.



This preview shows how white text looks on a background with the CIELCh color 87, 28.595, 331.550.

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
87, 28.595, 331.550

Protanopia
87, 19.418, 286.868

Deuteranopia
87, 16.754, 310.765

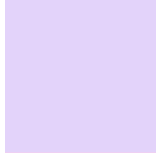


Tritanopia
87, 18.426, 353.984

Trichromacy



Original Color
87, 28.595, 331.550



Protanomaly
87, 21.259, 306.682



Deuteranomaly
87, 21.208, 321.154

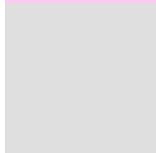


Tritanomaly
87, 21.382, 343.545

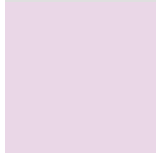
Monochromacy



Original Color
87, 28.595, 331.550



Achromatopsia
89, 0.011, 296.813



Achromatomaly
88, 10.807, 329.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 28.595, 331.550 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(254, 202, 244)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 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(254, 202, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 28.595, 331.550 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(254, 202, 244) }
```

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

```
.border{ border-color:rgb(254, 202, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 202, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 28.595, 331.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 244) }
```

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

```
.background{ background-color: rgb(254,  
202, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor