

Converting Colors

CIELCh(88, 25.919, 331.279)

Have a look what the booklet for
CIELCh(88, 25.919, 331.279)
contains.

CIELCh(88, 25.847, 331.390)	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(88, 25.847, 331.390)

Conversions

Conversions Part 1

Format	Color
Hex	FECFF5
RGB	254, 207, 245
RGB Percent	100%, 81%, 96%
CMY	0.0051, 0.1894, 0.0404
CMYK	0.00, 0.19, 0.04, 0.01
HSL	311°, 95%, 90%
HSV	311°, 19%, 99%
XYZ	79.4328, 72.0653, 95.8624
YIQ	225.3850, 15.8140, 21.7820

Conversions

Conversions Part 2

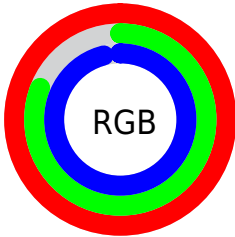
Format	Color
R_{YB}	254, 207, 245
Decimal	16699381
CIE _{Lab}	88.00, 22.69, -12.38
CIE _{LCh}	88, 25.847, 331.390
Yxy	72.0653, 0.3211, 0.2913
Android (android.graphics.Color)	4294889461 (0xFFFE _{CF} F5)
YUV	225.3850, 9.6702, 25.0954
Hunter-Lab	84.8913, 18.4627, -7.5286

Details

The CIELCh color **88, 25.847, 331.390** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 25.751, 148.948**, 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 **68, 26.231, 331.168** is the 20% darker color. If you saturate the color by 10%, you get **82, 39.817, 332.060**, and if you desaturate by 10%, it is **94, 11.828, 330.731**.

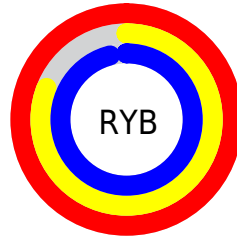
Distribution



Red (100%)

Green (81%)

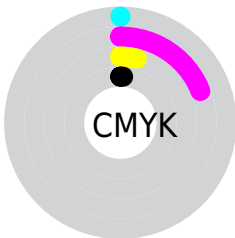
Blue (96%)



Red (100%)

Yellow (81%)

Blue (96%)

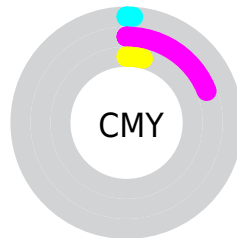


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 25.847, 331.390 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 88, 25.847, 331.390 by changing the saturation by 10% instead.


 88, 25.847,
331.390


 88, 25.847,
331.390


 100, 25.847,
331.390


 78, 25.847,
331.390

 68, 25.847,
331.390

 58, 25.847,
331.390

 48, 25.847,
331.390

 38, 25.847,
331.390

 28, 25.847,
331.390

 18, 25.847,

331.390

■ 8, 25.847, 331.390

■ 0, 25.847, 331.390

■ 88, 25.847,
331.390

■ 88, 25.847,
331.390

■ 82, 39.817,
332.060

■ 94, 11.828,
330.731

■ 77, 53.429,
332.748

100, 0.543,
167.214

■ 71, 66.241,
333.454

100, 0.456,
200.831

■ 67, 77.686,
334.185

■ 63, 87.125,

334.950

■ 60, 93.963,
335.771

■ 59, 97.832,
336.679

■ 58, 98.880,
337.708

■ 57, 98.927,
337.867

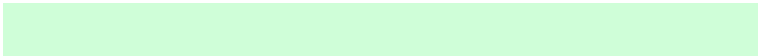
Harmonies

Complementary

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



88, 25.847, 331.390



96, 25.751, 148.948

Rectangle

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



88, 25.847, 331.390



88, 25.847, 21.390



88, 25.847, 151.390



88, 25.847, 201.390

Sweetspot

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



88, 25.844, 331.391



96, 8.350, 330.560



85, 24.987, 298.826



51, 5.541, 330.605



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 25.844, 331.391



86, 30.853, 331.622



87, 18.853, 356.675



50, 7.930, 330.797



43, 80.188, 337.669



11, 37.538, 336.319

Inverse Universe

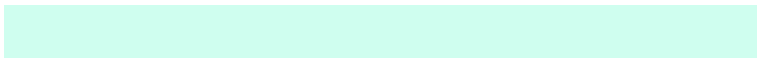
The Inverse Universe completely reimagines the original color for something new.



88, 25.844, 331.391



86, 30.853, 331.622



96, 17.919, 173.068



50, 7.930, 330.797



43, 80.188, 337.669



11, 37.538, 336.319

Previews

White Background



This preview shows how the CIELCh color 88, 25.847, 331.390 looks on a white background.

Color Contrast Check

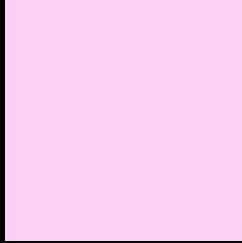
Large Text (above 18pt) WCAG AA × Fail

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 88, 25.847, 331.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

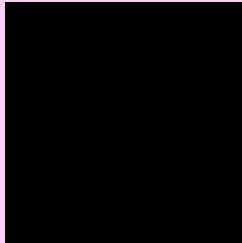
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 25.847, 331.390

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.847, 331.390.



This preview shows how white text looks on a background with the CIELCh color 88, 25.847, 331.390.

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
88, 25.847, 331.390

Protanopia
88, 17.789, 287.321

Deuteranopia
88, 15.862, 313.199



Tritanopia
88, 17.065, 351.562

Trichromacy



Original Color
88, 25.847, 331.390



Protanomaly
88, 18.999, 306.230



Deuteranomaly
88, 19.457, 321.617

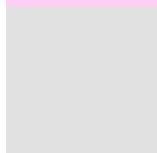


Tritanomaly
88, 19.880, 342.031

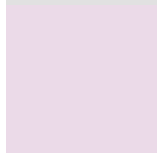
Monochromacy



Original Color
88, 25.847, 331.390



Achromatopsia
90, 0.011, 296.813



Achromatomaly
89, 9.530, 330.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.847, 331.390 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, 207, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 245)  
}
```

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, 207, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.847, 331.390 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, 207, 245) }
```

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

```
.border{ border-color:rgb(254, 207, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 207, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.847, 331.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 245) }
```

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

```
.background{ background-color: rgb(254,  
207, 245) }
```

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