

Converting Colors

CIELCh(88, 29.836, 328.499)

Have a look what the booklet for
CIELCh(88, 29.836, 328.499)
contains.

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Color

CIELCh(88, 29.696, 327.798)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDFB
RGB	255, 205, 251
RGB Percent	100%, 80%, 98%
CMY	0.0000, 0.1951, 0.0147
CMYK	0.00, 0.20, 0.01, 0.00
HSL	305°, 100%, 90%
HSV	305°, 20%, 100%
XYZ	80.6722, 72.0653, 101.1298
YIQ	225.1940, 15.0340, 24.9060

Conversions

Conversions Part 2

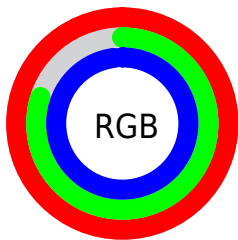
Format	Color
R _Y B	255, 205, 251
Decimal	16764411
CIE Lab	88.00, 25.13, -15.83
CIE LCh	88, 29.696, 327.798
Yxy	72.0653, 0.3178, 0.2839
Android (android.graphics.Color)	4294954491 (0xFFFFCDFB)
YUV	225.1940, 12.7224, 26.1399
Hunter-Lab	84.8913, 21.0688, -11.2075

Details

The CIELCh color **88, 29.696, 327.798** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 29.604, 145.251**, 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, 29.839, 328.152** is the 20% darker color. If you saturate the color by 10%, you get **82, 44.790, 328.237**, and if you desaturate by 10%, it is **94, 14.392, 327.062**.

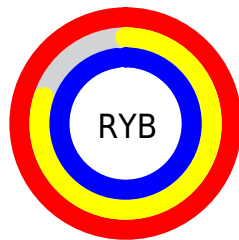
Distribution



Red (100%)

Green (80%)

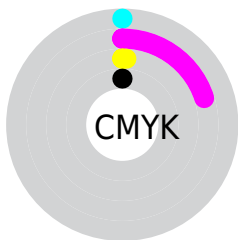
Blue (98%)



Red (100%)

Yellow (80%)

Blue (98%)

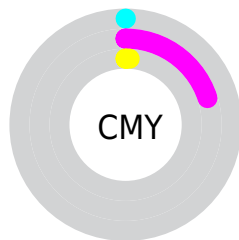


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 29.696, 327.798 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, 29.696, 327.798 by changing the saturation by 10% instead.


 88, 29.696,
327.798


 88, 29.696,
327.798


 100, 29.696,
327.798


 78, 29.696,
327.798

 68, 29.696,
327.798

 58, 29.696,
327.798

 48, 29.696,
327.798

 38, 29.696,
327.798

 28, 29.696,
327.798

 18, 29.696,

327.798

■ 8, 29.696, 327.798

■ 0, 29.696, 327.798

■ 88, 29.696,
327.798

■ 88, 29.696,
327.798

■ 82, 44.790,
328.237

■ 94, 14.392,
327.062

■ 77, 59.477,
328.808

100, 0.012,
296.813

■ 72, 73.225,
329.356

■ 68, 85.445,
329.870

■ 64, 95.498,

330.343

■ 62, 102.829,
330.773

■ 60, 107.145,
331.164

■ 59, 108.751,
331.532

■ 59, 108.803,
331.549

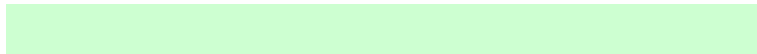
Harmonies

Complementary

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



88, 29.696, 327.798



96, 29.604, 145.251

Rectangle

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



88, 29.696, 327.798



88, 29.696, 17.798



88, 29.696, 147.798



88, 29.696, 197.798

Sweetspot

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



88, 29.643, 327.654



96, 9.059, 326.846



84, 26.319, 294.763



51, 6.011, 326.887



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, 29.643, 327.654



86, 34.954, 327.858



87, 21.254, 349.238



50, 8.602, 327.061



45, 87.725, 331.488



12, 40.647, 331.068

Inverse Universe

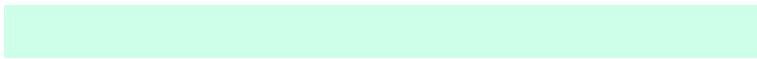
The Inverse Universe completely reimagines the original color for something new.



88, 29.643, 327.654



86, 34.954, 327.858



96, 20.554, 165.621



50, 8.602, 327.061



45, 87.725, 331.488



12, 40.647, 331.068

Previews

White Background



This preview shows how the CIELCh color 88, 29.696, 327.798 looks on a white background.

Color Contrast Check

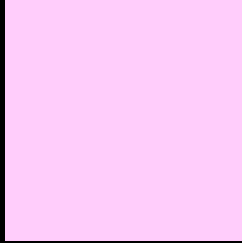
Large Text (above 18pt) WCAG AA × Fail

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, 29.696, 327.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

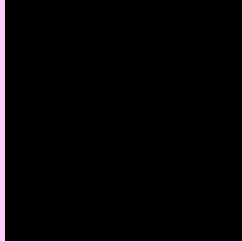
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 29.696, 327.798

Background



This preview shows how black text looks on a background with the CIELCh color 88, 29.696, 327.798.



This preview shows how white text looks on a background with the CIELCh color 88, 29.696, 327.798.

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, 29.696, 327.798

Protanopia

88, 18.849, 286.655

Deuteranopia

88, 18.496, 306.625



Tritanopia
88, 17.065, 351.562

Trichromacy



Original Color
88, 29.696, 327.798



Protanomaly
88, 21.626, 305.452



Deuteranomaly
88, 22.527, 316.145

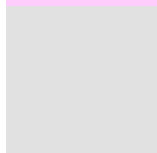


Tritanomaly
88, 21.133, 339.337

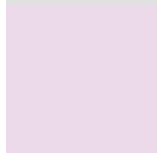
Monochromacy



Original Color
88, 29.696, 327.798



Achromatopsia
90, 0.011, 296.813



Achromatomaly
89, 10.975, 326.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 29.696, 327.798 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, 205, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 251)  
}
```

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, 205, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 29.696, 327.798 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, 205, 251) }
```

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

```
.border{ border-color:rgb(255, 205, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 29.696, 327.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 251) }
```

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

```
.background{ background-color: rgb(255,  
205, 251) }
```

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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