

Converting Colors

CIELCh(88, 25.168, 335.769)

Have a look what the booklet for
CIELCh(88, 25.168, 335.769)
contains.

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Color

CIELCh(88, 25.209, 335.042)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEF1
RGB	255, 206, 241
RGB Percent	100%, 81%, 95%
CMY	0.0000, 0.1905, 0.0532
CMYK	0.00, 0.19, 0.05, 0.00
HSL	317°, 100%, 90%
HSV	317°, 19%, 100%
XYZ	79.5157, 72.0653, 93.2760
YIQ	224.6410, 17.9690, 21.2730

Conversions

Conversions Part 2

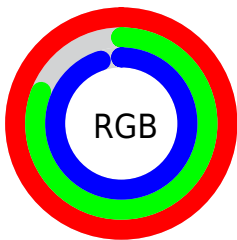
Format	Color
R _Y B	255, 206, 241
Decimal	16764657
CIE Lab	88.00, 22.85, -10.64
CIE LCh	88, 25.209, 335.042
Yxy	72.0653, 0.3247, 0.2943
Android (android.graphics.Color)	4294954737 (0xFFFFCEF1)
YUV	224.6410, 8.0650, 26.6248
Hunter-Lab	84.8913, 18.6371, -5.7222

Details

The CIELCh color **88, 25.209, 335.042** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 24.927, 152.055**, 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 **68, 25.552, 334.981** is the 20% darker color. If you saturate the color by 10%, you get **82, 38.324, 335.528**, and if you desaturate by 10%, it is **94, 11.852, 334.041**.

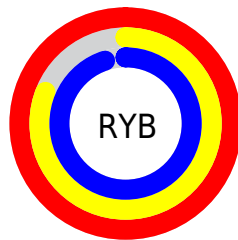
Distribution



Red (100%)

Green (81%)

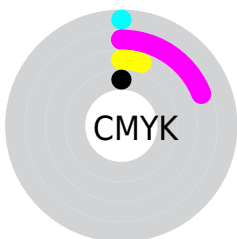
Blue (95%)



Red (100%)

Yellow (81%)

Blue (95%)

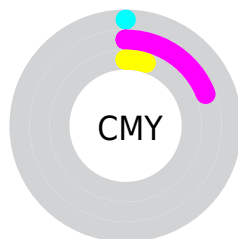


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 25.209, 335.042 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, 25.209, 335.042 by changing the saturation by 10% instead.


 88, 25.209,
335.042


 88, 25.209,
335.042


 100, 25.209,
335.042


 78, 25.209,
335.042

 68, 25.209,
335.042

 58, 25.209,
335.042

 48, 25.209,
335.042

 38, 25.209,
335.042

 28, 25.209,
335.042

 18, 25.209,

335.042

■ 8, 25.209, 335.042

■ 0, 25.209, 335.042

■ 88, 25.209,
335.042

■ 88, 25.209,
335.042

■ 82, 38.324,
335.528

■ 94, 11.852,
334.041

■ 76, 51.217,
336.334

100, 0.012,
296.813

■ 71, 63.348,
337.200

■ 67, 74.155,
338.146

■ 63, 82.997,

339.205

■ 60, 89.270,
340.427

■ 58, 92.607,
341.876

■ 57, 93.217,
343.609

■ 57, 93.218,
343.783

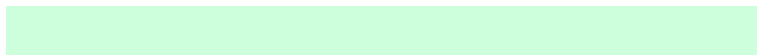
Harmonies

Complementary

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



88, 25.209, 335.042



96, 24.927, 152.055

Rectangle

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



88, 25.209, 335.042



88, 25.209, 25.042



88, 25.209, 155.042



88, 25.209, 205.042

Sweetspot

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



88, 25.100, 334.769



96, 7.841, 333.815



85, 26.030, 301.841



51, 5.203, 333.865



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, 25.100, 334.769



86, 30.343, 335.064



87, 18.842, 2.686



50, 7.449, 334.074



43, 75.324, 343.435



11, 35.460, 341.113

Inverse Universe

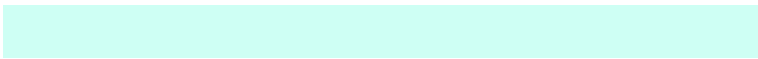
The Inverse Universe completely reimagines the original color for something new.



88, 25.100, 334.769



86, 30.343, 335.064



96, 17.571, 178.982



50, 7.449, 334.074



43, 75.324, 343.435



11, 35.460, 341.113

Previews

White Background



This preview shows how the CIELCh color 88, 25.209, 335.042 looks on a white background.

Color Contrast Check

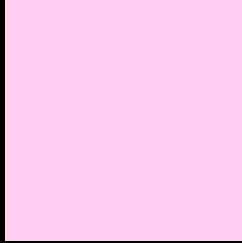
Large Text (above 18pt) WCAG AA × Fail

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, 25.209, 335.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

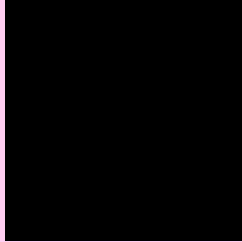
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 25.209, 335.042

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.209, 335.042.



This preview shows how white text looks on a background with the CIELCh color 88, 25.209, 335.042.

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, 25.209, 335.042

Protanopia
88, 16.212, 287.934

Deuteranopia
88, 14.734, 318.036



Tritanopia
88, 18.051, 353.393

Trichromacy



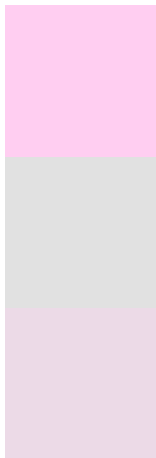
Original Color
88, 25.209, 335.042

Protanomaly
88, 18.207, 309.154

Deuteranomaly
88, 18.532, 326.020

Tritanomaly
88, 20.458, 345.227

Monochromacy



Original Color
88, 25.209, 335.042

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 9.382, 333.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.209, 335.042 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, 206, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 241)  
}
```

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, 206, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.209, 335.042 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, 206, 241) }
```

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

```
.border{ border-color:rgb(255, 206, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.209, 335.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 241) }
```

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

```
.background{ background-color: rgb(255,  
206, 241) }
```

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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