

Converting Colors

CIELCh(100, 62.123, 4.108)

Have a look what the booklet for
CIELCh(100, 62.123, 4.108) contains.

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Color

CIELCh(88, 28.888, 329.044)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDF9
RGB	255, 205, 249
RGB Percent	100%, 80%, 98%
CMY	0.0000, 0.1945, 0.0219
CMYK	0.00, 0.19, 0.02, 0.00
HSL	307°, 100%, 90%
HSV	307°, 19%, 100%
XYZ	80.4910, 72.0653, 99.6357
YIQ	224.9660, 15.6760, 24.2840

Conversions

Conversions Part 2

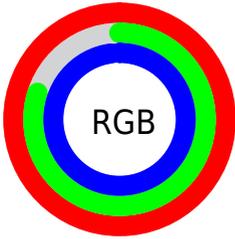
Format	Color
R _Y B	255, 205, 249
Decimal	16764409
CIE Lab	88.00, 24.77, -14.86
CIE LCh	88, 28.888, 329.044
Yxy	72.0653, 0.3192, 0.2858
Android (android.graphics.Color)	4294954489 (0xFFFFCDF9)
YUV	224.9660, 11.8488, 26.3398
Hunter-Lab	84.8913, 20.6878, -10.1639

Details

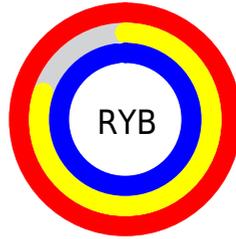
The CIELCh color **88, 28.888, 329.044** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 28.743, 146.350**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 29.416, 328.800** is the 20% darker color. If you saturate the color by 10%, you get **82, 43.574, 329.402**, and if you desaturate by 10%, it is **94, 13.928, 328.183**.

Distribution



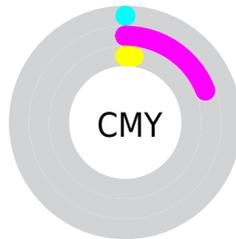
- Red (100%)
- Green (80%)
- Blue (98%)



- Red (100%)
- Yellow (80%)
- Blue (98%)



- Cyan (0%)
- Magenta (19%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 28.888, 329.044 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, 28.888, 329.044 by changing the saturation by 10% instead.

 88, 28.888,
329.044

 88, 28.888,
329.044

 100, 28.888,
329.044

 78, 28.888,
329.044

 68, 28.888,
329.044

 58, 28.888,
329.044

 48, 28.888,
329.044

 38, 28.888,
329.044

 28, 28.888,
329.044

 18, 28.888,

329.044

■ 8, 28.888, 329.044

■ 0, 28.888, 329.044

■ 88, 28.888,
329.044

■ 88, 28.888,
329.044

■ 82, 43.574,
329.402

■ 94, 13.928,
328.183

■ 77, 57.912,
330.006

100, 0.012,
296.813

■ 72, 71.340,
330.600

■ 67, 83.272,
331.177

■ 64, 93.067,

331.734

■ 61, 100.159,
332.275

■ 60, 104.237,
332.813

■ 59, 105.586,
333.366

■ 59, 105.629,
333.397

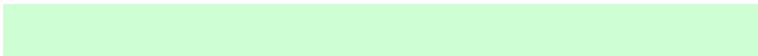
Harmonies

Complementary

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



88, 28.888, 329.044



96, 28.743, 146.350

Rectangle

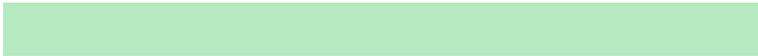
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 28.888, 329.044



88, 28.888, 19.044



88, 28.888, 149.044



88, 28.888, 199.044

Sweetspot

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



88, 28.797, 328.794



96, 8.828, 327.966



84, 26.260, 295.942



51, 5.858, 328.008



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, 28.797, 328.794



86, 34.076, 329.010



87, 20.779, 351.289



50, 8.384, 328.187



44, 85.208, 333.298



12, 39.617, 332.621

Inverse Universe

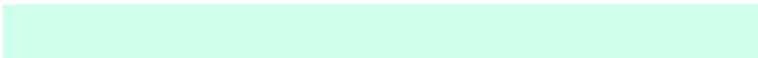
The Inverse Universe completely reimagines the original color for something new.



88, 28.797, 328.794



86, 34.076, 329.010



96, 19.994, 167.606



50, 8.384, 328.187



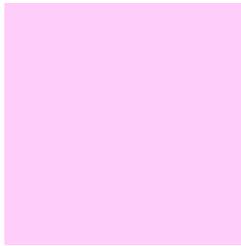
44, 85.208, 333.298



12, 39.617, 332.621

Previews

White Background



This preview shows how the CIELCh color 88, 28.888, 329.044 looks on a white background.

Color Contrast Check

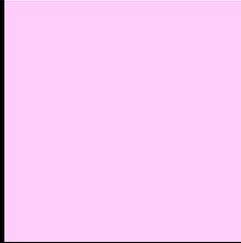
Large Text (above 18pt) WCAG AA × Fail

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, 28.888, 329.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

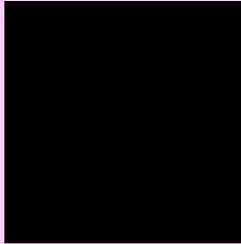
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 28.888, 329.044

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.888, 329.044.



This preview shows how white text looks on a background with the CIELCh color 88, 28.888, 329.044.

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





Tritanopia
88, 17.387, 352.191

Trichromacy



Original Color
88, 28.888, 329.044



Protanomaly
88, 21.120, 305.771



Deuteranomaly
88, 21.573, 317.295



Tritanomaly
88, 21.400, 340.017

Monochromacy



Original Color
88, 28.888, 329.044



Achromatopsia
90, 0.011, 296.813



Achromatomaly
89, 10.560, 328.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 28.888, 329.044 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.888, 329.044 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, 249) }
```

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

```
.border{ border-color:rgb(255, 205, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.888, 329.044 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, 249) }
```

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

```
.background{ background-color: rgb(255,  
205, 249) }
```

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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