

Converting Colors

CIELCh(88, 27.287, 330.210)

Have a look what the booklet for
CIELCh(88, 27.287, 330.210)
contains.

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Color

CIELCh(88, 27.469, 330.452)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEF7
RGB	255, 206, 247
RGB Percent	100%, 81%, 97%
CMY	0.0003, 0.1924, 0.0317
CMYK	0.00, 0.19, 0.03, 0.00
HSL	310°, 100%, 90%
HSV	310°, 19%, 100%
XYZ	80.0442, 72.0653, 97.6281
YIQ	225.3250, 16.0430, 23.1390

Conversions

Conversions Part 2

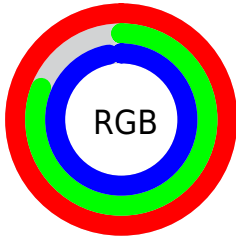
Format	Color
R _Y B	255, 206, 247
Decimal	16764663
CIE Lab	88.00, 23.90, -13.55
CIE LCh	88, 27.469, 330.452
Yxy	72.0653, 0.3205, 0.2886
Android (android.graphics.Color)	4294954743 (0xFFFFCEF7)
YUV	225.3250, 10.6858, 26.0250
Hunter-Lab	84.8913, 19.7484, -8.7618

Details

The CIELCh color $88, 27.469, 330.452$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $96, 27.386, 147.958$, 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 $68, 27.926, 330.232$ is the 20% darker color. If you saturate the color by 10%, you get $82, 41.748, 331.099$, and if you desaturate by 10%, it is $94, 13.112, 329.812$.

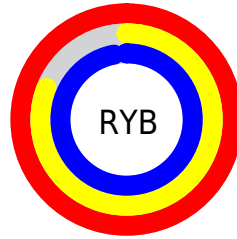
Distribution



Red (100%)

Green (81%)

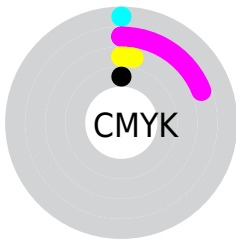
Blue (97%)



Red (100%)

Yellow (81%)

Blue (97%)

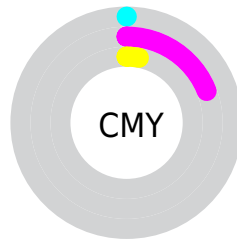


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 27.469, 330.452 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, 27.469, 330.452 by changing the saturation by 10% instead.

 88, 27.469,
330.452

 88, 27.469,
330.452

 100, 27.469,
330.452


 78, 27.469,
330.452

 68, 27.469,
330.452

 58, 27.469,
330.452

 48, 27.469,
330.452

 38, 27.469,
330.452

 28, 27.469,
330.452

 18, 27.469,

330.452

■ 8, 27.469, 330.452

■ 0, 27.469, 330.452

■ 88, 27.469,
330.452

■ 88, 27.469,
330.452

■ 82, 41.748,
331.099

■ 94, 13.112,
329.812

■ 77, 55.627,
331.756

100, 0.026,
225.289

■ 72, 68.645,
332.420

■ 67, 80.222,
333.093

■ 64, 89.715,

333.781

■ 61, 96.542,
334.498

■ 59, 100.367,
335.268

■ 58, 101.431,
336.117

■ 58, 101.467,
336.185

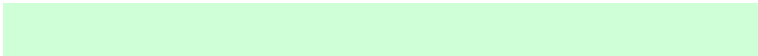
Harmonies

Complementary

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



88, 27.469, 330.452



96, 27.386, 147.958

Rectangle

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



88, 27.469, 330.452



88, 27.469, 20.452



88, 27.469, 150.452



88, 27.469, 200.452

Sweetspot

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



88, 27.466, 330.453



96, 8.518, 329.600



85, 26.006, 297.701



51, 5.653, 329.644



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, 27.466, 330.453



86, 32.899, 330.696



87, 19.986, 354.502



50, 8.090, 329.831



44, 81.921, 336.024



12, 38.261, 334.935

Inverse Universe

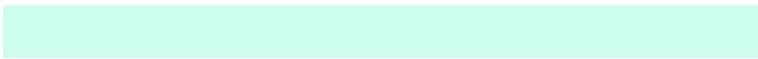
The Inverse Universe completely reimagines the original color for something new.



88, 27.466, 330.453



86, 32.899, 330.696



96, 19.077, 170.776



50, 8.090, 329.831



44, 81.921, 336.024



12, 38.261, 334.935

Previews

White Background



This preview shows how the CIELCh color 88, 27.469, 330.452 looks on a white background.

Color Contrast Check

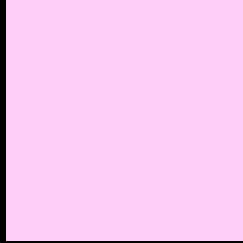
Large Text (above 18pt) WCAG AA × Fail

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, 27.469, 330.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

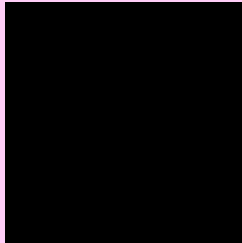
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 27.469, 330.452

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.469, 330.452.



This preview shows how white text looks on a background with the CIELCh color 88, 27.469, 330.452.

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, 27.469, 330.452

Protanopia
88, 18.829, 287.659

Deuteranopia
88, 16.712, 310.759



Tritanopia
88, 17.387, 352.191

Trichromacy



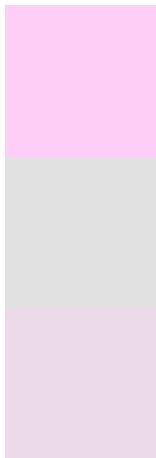
Original Color
88, 27.469, 330.452

Protanomaly
88, 20.703, 307.031

Deuteranomaly
88, 20.354, 320.127

Tritanomaly
88, 20.471, 341.551

Monochromacy



Original Color
88, 27.469, 330.452

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 10.156, 329.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 27.469, 330.452 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.469, 330.452 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, 247) }
```

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

```
.border{ border-color:rgb(255, 206, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.469, 330.452 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
206, 247) }
```

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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