

Converting Colors

CIELCh(88, 24.497, 337.024)

Have a look what the booklet for
CIELCh(88, 24.497, 337.024)
contains.

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Color

CIELCh(88, 23.882, 337.033)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFEF
RGB	255, 207, 239
RGB Percent	100%, 81%, 94%
CMY	0.0003, 0.1885, 0.0630
CMYK	0.00, 0.19, 0.06, 0.00
HSL	320°, 100%, 91%
HSV	320°, 19%, 100%
XYZ	79.0780, 72.0653, 91.3474
YIQ	225.0000, 18.3360, 20.1280

Conversions

Conversions Part 2

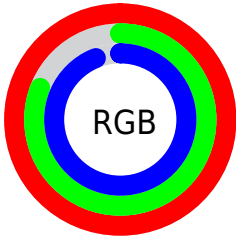
Format	Color
R _Y B	255, 207, 239
Decimal	16764911
CIE Lab	88.00, 21.99, -9.32
CIE LCh	88, 23.882, 337.033
Yxy	72.0653, 0.3261, 0.2972
Android (android.graphics.Color)	4294954991 (0xFFFFCFEF)
YUV	225.0000, 6.9020, 26.3100
Hunter-Lab	84.8913, 17.7168, -4.3752

Details

The CIELCh color **88, 23.882, 337.033** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 23.648, 154.218**, 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, 24.162, 337.040** is the 20% darker color. If you saturate the color by 10%, you get **82, 36.645, 337.855**, and if you desaturate by 10%, it is **94, 11.118, 336.257**.

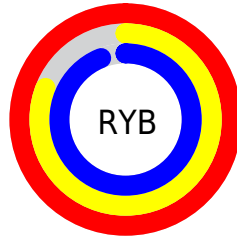
Distribution



Red (100%)

Green (81%)

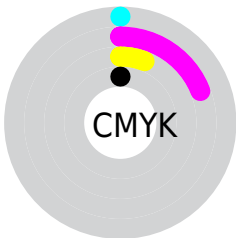
Blue (94%)



Red (100%)

Yellow (81%)

Blue (94%)

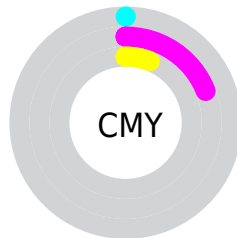


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 23.882, 337.033 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, 23.882, 337.033 by changing the saturation by 10% instead.


 88, 23.882,
337.033

 88, 23.882,
337.033


 100, 23.882,
337.033


 78, 23.882,
337.033

 68, 23.882,
337.033

 58, 23.882,
337.033

 48, 23.882,
337.033

 38, 23.882,
337.033

 28, 23.882,
337.033

 18, 23.882,

337.033

■ 8, 23.882, 337.033

■ 0, 23.882, 337.033

■ 88, 23.882,
337.033

■ 88, 23.882,
337.033

■ 82, 36.645,
337.855

■ 94, 11.118,
336.257

■ 76, 49.126,
338.744

100, 0.026,
225.420

■ 71, 60.904,
339.721

■ 66, 71.431,
340.818

■ 62, 80.070,

342.084

■ 59, 86.216,
343.587

■ 57, 89.492,
345.419

■ 56, 90.086,
347.658

■ 56, 90.086,
347.936

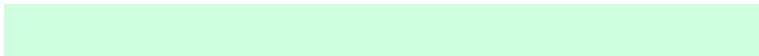
Harmonies

Complementary

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



88, 23.882, 337.033



96, 23.648, 154.218

Rectangle

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



88, 23.882, 337.033



88, 23.882, 27.033



88, 23.882, 157.033



88, 23.882, 207.033

Sweetspot

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



88, 23.879, 337.034



96, 7.542, 336.035



86, 25.912, 304.181



51, 5.005, 336.087



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, 23.879, 337.034



85, 29.228, 337.370



87, 18.255, 7.681



50, 7.168, 336.310



42, 72.818, 347.480



11, 34.337, 344.443

Inverse Universe

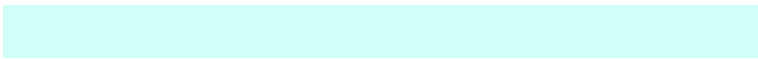
The Inverse Universe completely reimagines the original color for something new.



88, 23.879, 337.034



85, 29.228, 337.370



97, 16.778, 184.197



50, 7.168, 336.310



42, 72.818, 347.480



11, 34.337, 344.443

Previews

White Background



This preview shows how the CIELCh color 88, 23.882, 337.033 looks on a white background.

Color Contrast Check

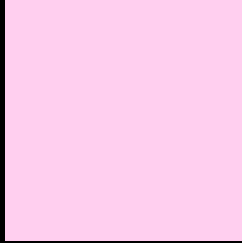
Large Text (above 18pt) WCAG AA × Fail

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, 23.882, 337.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

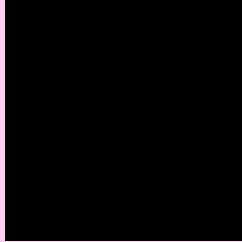
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 23.882, 337.033

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.882, 337.033.



This preview shows how white text looks on a background with the CIELCh color 88, 23.882, 337.033.

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, 23.882, 337.033

Protanopia
88, 14.637, 288.724

Deuteranopia
88, 13.550, 322.407



Tritanopia
88, 18.051, 353.393

Trichromacy



Original Color
88, 23.882, 337.033



Protanomaly
88, 16.223, 311.364



Deuteranomaly
88, 17.296, 329.026

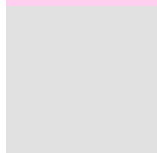


Tritanomaly
88, 20.179, 346.449

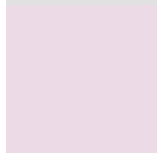
Monochromacy



Original Color
88, 23.882, 337.033



Achromatopsia
90, 0.011, 296.813



Achromatomaly
89, 9.016, 336.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.882, 337.033 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, 207, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 239)  
}
```

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, 207, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.882, 337.033 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, 207, 239) }
```

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

```
.border{ border-color:rgb(255, 207, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.882, 337.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 239) }
```

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

```
.background{ background-color: rgb(255,  
207, 239) }
```

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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