

Converting Colors

CIELCh(88, 23.580, 341.624)

Have a look what the booklet for
CIELCh(88, 23.580, 341.624)
contains.

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Color

CIELCh(88, 23.160, 340.539)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFEC
RGB	255, 207, 236
RGB Percent	100%, 81%, 93%
CMY	0.0000, 0.1886, 0.0748
CMYK	0.00, 0.19, 0.07, 0.00
HSL	324°, 100%, 91%
HSV	324°, 19%, 100%
XYZ	79.0013, 72.0653, 89.0388
YIQ	224.6580, 19.2990, 19.1950

Conversions

Conversions Part 2

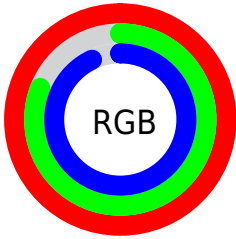
Format	Color
R_{YB}	255, 207, 236
Decimal	16764908
CIE _{Lab}	88.00, 21.84, -7.72
CIE _{LCh}	88, 23.160, 340.539
Yxy	72.0653, 0.3290, 0.3001
Android (android.graphics.Color)	4294954988 (0xFFFFCFEC)
YUV	224.6580, 5.5916, 26.6099
Hunter-Lab	84.8913, 17.5555, -2.7628

Details

The CIELCh color **88, 23.160, 340.539** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 22.585, 156.955**, 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, 23.109, 340.044** is the 20% darker color. If you saturate the color by 10%, you get **82, 35.174, 340.858**, and if you desaturate by 10%, it is **94, 10.674, 339.113**.

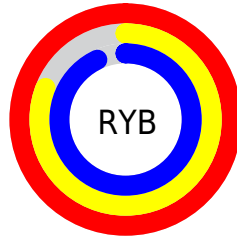
Distribution



Red (100%)

Green (81%)

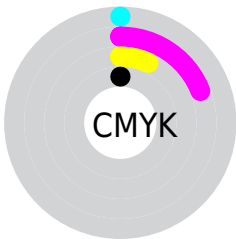
Blue (93%)



Red (100%)

Yellow (81%)

Blue (93%)

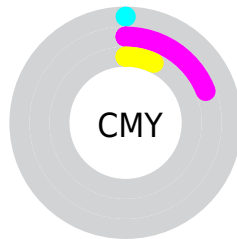


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 23.160, 340.539 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, 23.160, 340.539 by changing the saturation by 10% instead.


 88, 23.160,
340.539


 88, 23.160,
340.539


 100, 23.160,
340.539


 78, 23.160,
340.539

 68, 23.160,
340.539

 58, 23.160,
340.539

 48, 23.160,
340.539

 38, 23.160,
340.539

 28, 23.160,
340.539

 18, 23.160,

340.539

■ 8, 23.160, 340.539

■ 0, 23.160, 340.539

■ 88, 23.160,
340.539

■ 88, 23.160,
340.539

■ 82, 35.174,
340.858

■ 94, 10.674,
339.113

■ 76, 47.206,
341.856

100, 0.012,
296.813

■ 71, 58.598,
342.980

■ 66, 68.815,
344.277

■ 62, 77.229,

345.818

■ 59, 83.243,
347.699

■ 57, 86.493,
350.041

■ 56, 87.194,
352.945

■ 56, 87.215,
353.296

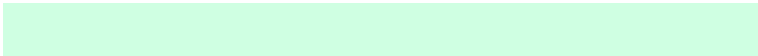
Harmonies

Complementary

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



88, 23.160, 340.539



96, 22.585, 156.955

Rectangle

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



88, 23.160, 340.539



88, 23.160, 30.539



88, 23.160, 160.539



88, 23.160, 210.539

Sweetspot

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



88, 22.905, 339.954



96, 7.208, 338.871



86, 26.148, 305.936



51, 4.784, 338.928



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, 22.905, 339.954



85, 27.991, 340.319



87, 18.130, 11.561



50, 6.853, 339.167



42, 70.461, 352.700



11, 33.202, 348.727

Inverse Universe

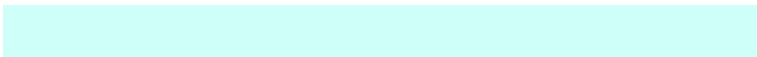
The Inverse Universe completely reimagines the original color for something new.



88, 22.905, 339.954



85, 27.991, 340.319



97, 16.459, 188.306



50, 6.853, 339.167



42, 70.461, 352.700



11, 33.202, 348.727

Previews

White Background



This preview shows how the CIELCh color 88, 23.160, 340.539 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, 23.160, 340.539 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, 23.160, 340.539

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.160, 340.539.



This preview shows how white text looks on a background with the CIELCh color 88, 23.160, 340.539.

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, 22.873, 339.906

Protanopia
88, 13.065, 289.756

Deuteranopia
88, 13.520, 326.181



Tritanopia
88, 18.379, 353.961

Trichromacy



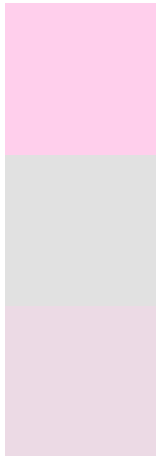
Original Color
88, 22.873, 339.906

Protanomaly
88, 14.768, 313.437

Deuteranomaly
88, 16.985, 333.187

Tritanomaly
88, 19.909, 347.707

Monochromacy



Original Color
88, 22.873, 339.906

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 8.666, 338.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.160, 340.539 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.160, 340.539 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, 236) }
```

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

```
.border{ border-color:rgb(255, 207, 236) }
```

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, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.160, 340.539 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, 236) }
```

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

```
.background{ background-color: rgb(255,  
207, 236) }
```

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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