

Converting Colors

CIELCh(88, 17.927, 329.665)

Have a look what the booklet for
CIELCh(88, 17.927, 329.665)
contains.

CIELCh(88, 18.148, 329.828)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 18.148, 329.828)

Conversions

Conversions Part 1

Format	Color
Hex	F3D3EE
RGB	243, 211, 238
RGB Percent	95%, 83%, 93%
CMY	0.0457, 0.1712, 0.0653
CMYK	0.00, 0.13, 0.02, 0.05
HSL	309°, 58%, 89%
HSV	309°, 13%, 95%
XYZ	75.9424, 72.0653, 91.0606
YIQ	223.6460, 10.4050, 15.1810

Conversions

Conversions Part 2

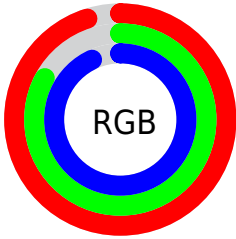
Format	Color
R _Y B	243, 211, 238
Decimal	15979502
CIE Lab	88.00, 15.69, -9.12
CIE LCh	88, 18.148, 329.828
Yxy	72.0653, 0.3177, 0.3014
Android (android.graphics.Color)	4294169582 (0xFFFF3D3EE)
YUV	223.6460, 7.0765, 16.9735
Hunter-Lab	84.8913, 11.1237, -4.1749

Details

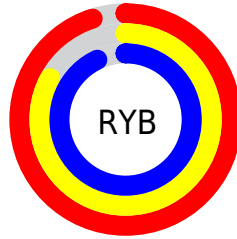
The CIELCh color **88, 18.148, 329.828** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93, 18.099, 148.205**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 18.428, 330.197** is the 20% darker color. If you saturate the color by 10%, you get **82, 32.038, 330.464**, and if you desaturate by 10%, it is **94, 4.323, 329.159**.

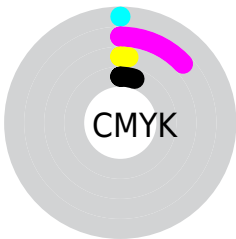
Distribution



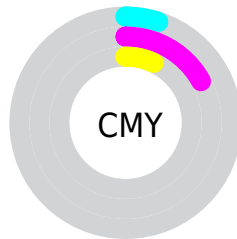
- Red (95%)
- Green (83%)
- Blue (93%)



- Red (95%)
- Yellow (83%)
- Blue (93%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (17%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 18.148, 329.828 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, 18.148, 329.828 by changing the saturation by 10% instead.

 88, 18.148,
329.828

 88, 18.148,
329.828


 100, 18.148,
329.828


 78, 18.148,
329.828


 68, 18.148,
329.828

 58, 18.148,
329.828

 48, 18.148,
329.828

 38, 18.148,
329.828

 28, 18.148,
329.828

 18, 18.148,

329.828

■ 8, 18.148, 329.828

■ 0, 18.148, 329.828

■ 88, 18.148,
329.828

■ 88, 18.148,
329.828

■ 82, 32.038,
330.464

■ 94, 4.323, 329.159

■ 77, 45.750,
331.106

■ 99, 6.185, 151.131

■ 72, 58.915,
331.756

■ 99, 4.884, 166.145

■ 67, 71.047,
332.410

■ 99, 4.109, 189.023

■ 63, 81.557,

■ 99, 4.023, 199.315

333.070

■ 60, 89.834,
333.744

■ 58, 95.387,
334.447

■ 56, 98.036,
335.205

■ 56, 98.518,
335.763

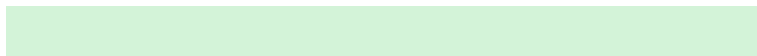
Harmonies

Complementary

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



88, 18.148, 329.828



93, 18.099, 148.205

Rectangle

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



88, 18.148, 329.828



88, 18.148, 19.828



88, 18.148, 149.828



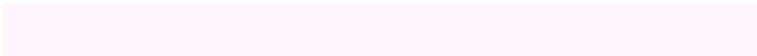
88, 18.148, 199.828

Sweetspot

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



88, 18.145, 329.829



97, 5.700, 329.227



86, 16.934, 297.127



52, 4.053, 329.283



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, 18.145, 329.829



90, 22.959, 330.012



88, 13.039, 353.819



48, 7.862, 329.596



43, 80.736, 335.617



10, 36.472, 334.492

Inverse Universe

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



88, 18.145, 329.829



90, 22.959, 330.012



93, 12.633, 171.404



48, 7.862, 329.596



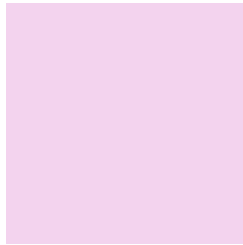
43, 80.736, 335.617



10, 36.472, 334.492

Previews

White Background



This preview shows how the CIELCh color 88, 18.148, 329.828 looks on a white background.

Color Contrast Check

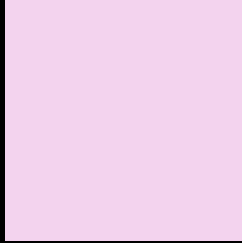
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 18.148, 329.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

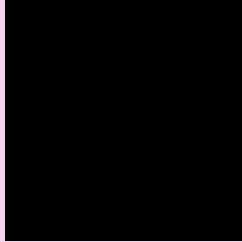
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 18.148, 329.828

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.148, 329.828.



This preview shows how white text looks on a background with the CIELCh color 88, 18.148, 329.828.

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, 18.148, 329.828

Protanopia
88, 12.543, 289.649

Deuteranopia
88, 13.994, 321.287



Tritanopia
88, 13.389, 341.903

Trichromacy



Original Color
88, 18.148, 329.828

Protanomaly
88, 13.681, 307.440

Deuteranomaly
88, 15.194, 324.978

Tritanomaly
88, 15.014, 336.528

Monochromacy



Original Color
88, 18.148, 329.828

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.787, 329.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.148, 329.828 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(243, 211, 238)` looks like.

```
.text, #text, p{  
    color:rgb(243, 211, 238)  
}
```

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(243, 211, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 211, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.148, 329.828 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(243, 211, 238) }
```

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

```
.border{ border-color:rgb(243, 211, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 211, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 211, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 211, 238);  
box-shadow:4px 4px 4px 4px rgb(243, 211,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.148, 329.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 211, 238) }
```

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

```
.background{ background-color: rgb(243,  
211, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor