

Converting Colors

CIELCh(91, 73.633, 306.068)

Have a look what the booklet for
CIELCh(91, 73.633, 306.068)
contains.

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Color

CIELCh(88, 30.814, 323.824)

Conversions

Conversions Part 1

Format	Color
Hex	FDCEFF
RGB	253, 206, 255
RGB Percent	99%, 81%, 100%
CMY	0.0091, 0.1935, 0.0000
CMYK	0.01, 0.19, 0.00, 0.00
HSL	297°, 100%, 90%
HSV	297°, 19%, 100%
XYZ	80.5420, 72.0653, 104.8489
YIQ	225.6390, 12.2830, 25.2030

Conversions

Conversions Part 2

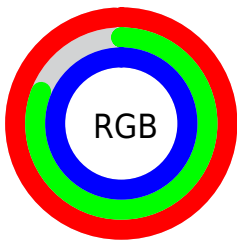
Format	Color
RYB	253, 206, 255
Decimal	16633599
CIELab	88.00, 24.87, -18.19
CIELCh	88, 30.814, 323.824
Yxy	72.0653, 0.3128, 0.2799
Android (android.graphics.Color)	4294823679 (0xFFFDCEFF)
YUV	225.6390, 14.4750, 23.9956
Hunter-Lab	84.8913, 20.7952, -13.8050

Details

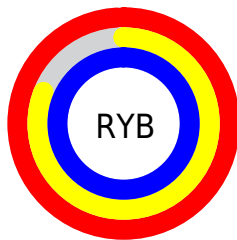
The CIELCh color **88, 30.814, 323.824** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 30.444, 142.020**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 30.547, 324.518** is the 20% darker color. If you saturate the color by 10%, you get **82, 46.290, 324.698**, and if you desaturate by 10%, it is **94, 14.675, 323.651**.

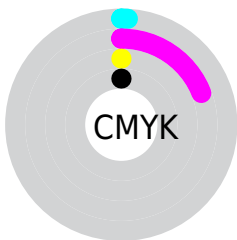
Distribution



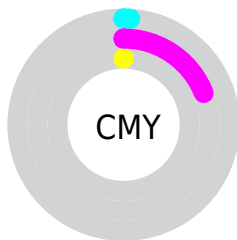
- Red (99%)
- Green (81%)
- Blue (100%)



- Red (99%)
- Yellow (81%)
- Blue (100%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (19%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 30.814, 323.824 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, 30.814, 323.824 by changing the saturation by 10% instead.


 88, 30.814,
323.824

 88, 30.814,
323.824


 100, 30.814,
323.824


 78, 30.814,
323.824

 68, 30.814,
323.824

 58, 30.814,
323.824

 48, 30.814,
323.824

 38, 30.814,
323.824

 28, 30.814,
323.824

 18, 30.814,

323.824

■ 8, 30.814, 323.824

■ 0, 30.814, 323.824

■ 88, 30.814,
323.824

■ 88, 30.814,
323.824

■ 82, 46.290,
324.698

■ 94, 14.675,
323.651

■ 77, 61.648,
325.183


100, 0.012,
296.813


■ 72, 76.121,
325.619


■ 67, 89.124,
325.984


■ 64, 100.009,

326.255

 61, 108.196,
326.413

 59, 113.353,
326.445

 58, 115.738,
326.363

 58, 115.854,
326.356

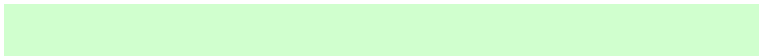
Harmonies

Complementary

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



88, 30.814, 323.824



96, 30.444, 142.020

Rectangle

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



88, 30.814, 323.824



88, 30.814, 13.824



88, 30.814, 143.824



88, 30.814, 193.824

Sweetspot

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



88, 30.518, 324.184



96, 9.399, 323.465



85, 24.699, 290.377



51, 6.237, 323.502



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, 30.518, 324.184



86, 36.302, 324.374



88, 22.676, 342.662



50, 8.926, 323.660



44, 93.309, 326.388



12, 42.911, 326.607

Inverse Universe

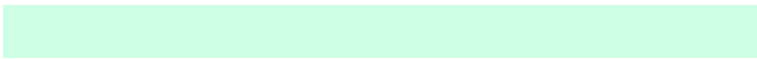
The Inverse Universe completely reimagines the original color for something new.



87, 18.546, 17.100



84, 22.336, 17.501



96, 22.247, 159.415



49, 5.257, 16.149



40, 82.239, 38.216



10, 32.988, 25.295

Previews

White Background



This preview shows how the CIELCh color 88, 30.814, 323.824 looks on a white background.

Color Contrast Check

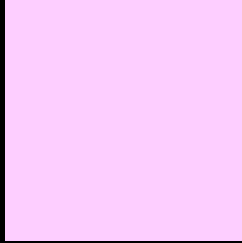
Large Text (above 18pt) WCAG AA × Fail

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, 30.814, 323.824 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, 30.814, 323.824

Background



This preview shows how black text looks on a background with the CIELCh color 88, 30.814, 323.824.



This preview shows how white text looks on a background with the CIELCh color 88, 30.814, 323.824.

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, 30.361, 324.349

Protanopia

88, 18.849, 286.655

Deuteranopia

88, 20.365, 303.302



Tritanopia
88, 16.102, 349.531

Trichromacy



Original Color
88, 30.361, 324.349



Protanomaly
88, 22.056, 304.287



Deuteranomaly
88, 23.555, 312.244

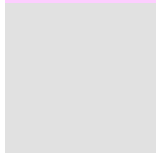


Tritanomaly
88, 20.683, 336.139

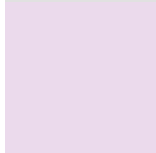
Monochromacy



Original Color
88, 30.361, 324.349



Achromatopsia
90, 0.011, 296.813



Achromatomaly
89, 11.202, 323.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 30.814, 323.824 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(253, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 255)  
}
```

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(253, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 30.814, 323.824 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(253, 206, 255) }
```

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

```
.border{ border-color:rgb(253, 206, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 206, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 30.814, 323.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 255) }
```

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

```
.background{ background-color: rgb(253,  
206, 255) }
```

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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