

Converting Colors

CIELCh(88, 30.289, 322.672)

Have a look what the booklet for
CIELCh(88, 30.289, 322.672)
contains.

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Color

CIELCh(88, 30.010, 323.182)

Conversions

Conversions Part 1

Format	Color
Hex	FBCEFF
RGB	251, 206, 255
RGB Percent	98%, 81%, 100%
CMY	0.0146, 0.1911, 0.0000
CMYK	0.01, 0.19, 0.00, 0.00
HSL	295°, 100%, 90%
HSV	295°, 19%, 100%
XYZ	80.1093, 72.0653, 104.5239
YIQ	225.0410, 11.0910, 24.7790

Conversions

Conversions Part 2

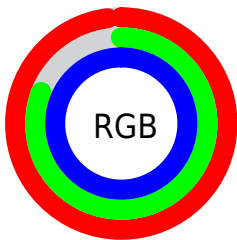
Format	Color
R _Y B	251, 206, 255
Decimal	16502527
CIE Lab	88.00, 24.02, -17.98
CIE LCh	88, 30.010, 323.182
Yxy	72.0653, 0.3121, 0.2807
Android (android.graphics.Color)	4294692607 (0xFFFBCEFF)
YUV	225.0410, 14.7698, 22.7660
Hunter-Lab	84.8913, 19.8852, -13.5780

Details

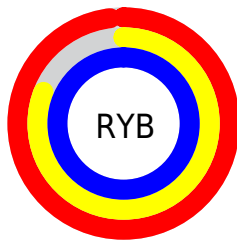
The CIELCh color **88, 30.010, 323.182** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 29.782, 141.270**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 30.192, 323.289** is the 20% darker color. If you saturate the color by 10%, you get **82, 45.571, 323.824**, and if you desaturate by 10%, it is **94, 14.174, 322.810**.

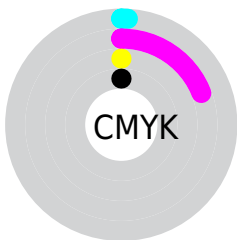
Distribution



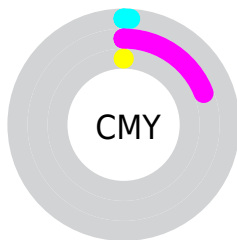
- Red (98%)
- Green (81%)
- Blue (100%)



- Red (98%)
- 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, 30.010, 323.182 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, 30.010, 323.182 by changing the saturation by 10% instead.


 88, 30.010,
323.182


 88, 30.010,
323.182


 100, 30.010,
323.182


 78, 30.010,
323.182

 68, 30.010,
323.182

 58, 30.010,
323.182

 48, 30.010,
323.182

 38, 30.010,
323.182

 28, 30.010,
323.182

 18, 30.010,

323.182

■ 8, 30.010, 323.182

■ 0, 30.010, 323.182

■ 88, 30.010,
323.182

■ 88, 30.010,
323.182

■ 82, 45.571,
323.824

■ 94, 14.174,
322.810

■ 76, 60.893,
324.292

100, 0.012,
296.813

■ 71, 75.404,
324.711

■ 67, 88.525,
325.055

■ 63, 99.603,

325.296

■ 60, 108.026,
325.410

■ 58, 113.411,
325.380

■ 57, 115.948,
325.211

■ 57, 116.116,
325.193

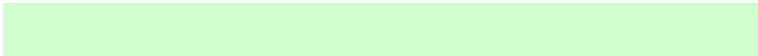
Harmonies

Complementary

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



88, 30.010, 323.182



96, 29.782, 141.270

Rectangle

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



88, 30.010, 323.182



88, 30.010, 13.182



88, 30.010, 143.182



88, 30.010, 193.182

Sweetspot

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



88, 29.889, 323.325



96, 9.314, 322.642



85, 23.514, 288.893



51, 6.180, 322.678



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, 29.889, 323.325



86, 36.007, 323.521



88, 22.901, 340.948



50, 8.847, 322.830



43, 93.514, 325.244



11, 42.989, 325.598

Inverse Universe

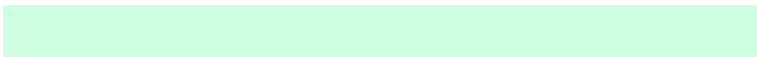
The Inverse Universe completely reimagines the original color for something new.



87, 18.316, 14.745



85, 22.333, 15.191



96, 22.540, 157.846



50, 5.271, 13.766



40, 81.051, 37.064



10, 32.767, 24.088

Previews

White Background



This preview shows how the CIELCh color 88, 30.010, 323.182 looks on a white background.

Color Contrast Check

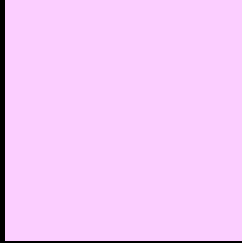
Large Text (above 18pt) WCAG AA × Fail

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, 30.010, 323.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

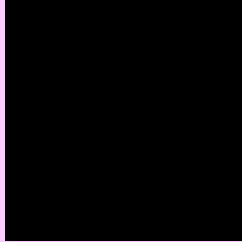
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 30.010, 323.182

Background



This preview shows how black text looks on a background with the CIELCh color 88, 30.010, 323.182.



This preview shows how white text looks on a background with the CIELCh color 88, 30.010, 323.182.

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





Tritanopia
88, 15.753, 346.440

Trichromacy



Original Color
88, 30.010, 323.182



Protanomaly
88, 22.056, 304.287



Deuteranomaly
88, 23.555, 312.244

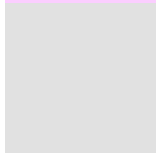


Tritanomaly
88, 20.798, 334.375

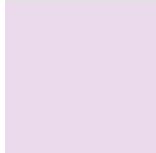
Monochromacy



Original Color
88, 30.010, 323.182



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, 30.010, 323.182 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(251, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 206, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 30.010, 323.182 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(251, 206, 255) }
```

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

```
.border{ border-color:rgb(251, 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(251, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 206,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 30.010, 323.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 206, 255) }
```

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

```
.background{ background-color: rgb(251,  
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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