

Converting Colors

CIELCh(88, 24.471, 316.441)

Have a look what the booklet for
CIELCh(88, 24.471, 316.441)
contains.

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Color

CIELCh(88, 24.218, 316.132)

Conversions

Conversions Part 1

Format	Color
Hex	F0D3FD
RGB	240, 211, 253
RGB Percent	94%, 83%, 99%
CMY	0.0596, 0.1733, 0.0086
CMYK	0.05, 0.17, 0.00, 0.01
HSL	281°, 91%, 91%
HSV	281°, 17%, 99%
XYZ	76.8151, 72.0653, 102.6264
YIQ	224.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

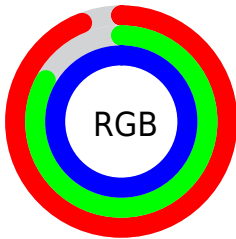
Format	Color
R_{YB}	240, 211, 253
Decimal	15782909
CIE _{Lab}	88.00, 17.46, -16.78
CIE _{LCh}	88, 24.218, 316.132
Yxy	72.0653, 0.3054, 0.2865
Android (android.graphics.Color)	4293972989 (0xFFFF0D3FD)
YUV	224.4590, 14.0707, 13.6295
Hunter-Lab	84.8913, 12.9586, -12.2527

Details

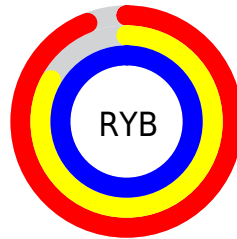
The CIELCh color **88, 24.218, 316.132** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 23.897, 134.692**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 24.332, 316.591** is the 20% darker color. If you saturate the color by 10%, you get **81, 39.118, 316.577**, and if you desaturate by 10%, it is **95, 9.537, 315.685**.

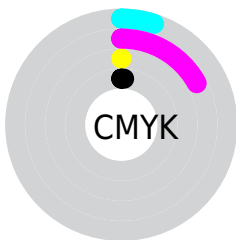
Distribution



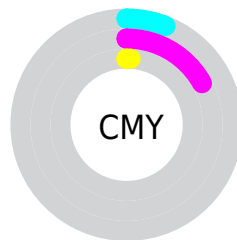
- Red (94%)
- Green (83%)
- Blue (99%)



- Red (94%)
- Yellow (83%)
- Blue (99%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)




- Cyan (6%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 24.218, 316.132 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, 24.218, 316.132 by changing the saturation by 10% instead.


 88, 24.218,
316.132


 88, 24.218,
316.132


 100, 24.218,
316.132


 78, 24.218,
316.132

 68, 24.218,
316.132

 58, 24.218,
316.132

 48, 24.218,
316.132

 38, 24.218,
316.132

 28, 24.218,
316.132

 18, 24.218,

316.132

■ 8, 24.218, 316.132

■ 0, 24.218, 316.132

■ 88, 24.218,
316.132

■ 88, 24.218,
316.132

■ 81, 39.118,
316.577

■ 95, 9.537, 315.685

■ 75, 54.065,
317.014

100, 1.102,
110.025

■ 69, 68.763,
317.414

■ 63, 82.770,
317.739

■ 58, 95.465,

317.938

■ 54, 106.076,
317.944

■ 50, 113.833,
317.688

■ 48, 118.281,
317.115

■ 47, 119.313,
316.878

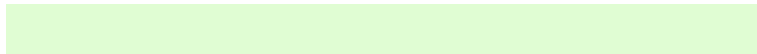
Harmonies

Complementary

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



88, 24.218, 316.132



96, 23.897, 134.692

Rectangle

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



88, 24.218, 316.132



88, 24.218, 6.132



88, 24.218, 136.132



88, 24.218, 186.132

Sweetspot

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



88, 24.216, 316.131



97, 7.254, 315.610



89, 15.483, 274.751



51, 4.952, 315.643



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, 24.216, 316.131



86, 29.456, 316.283



89, 23.228, 330.977



49, 8.287, 315.816



35, 96.635, 317.041



8, 44.156, 318.231

Inverse Universe

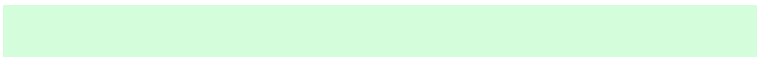
The Inverse Universe completely reimagines the original color for something new.



88, 16.746, 356.943



87, 20.431, 357.344



96, 23.152, 148.827



50, 5.693, 356.155



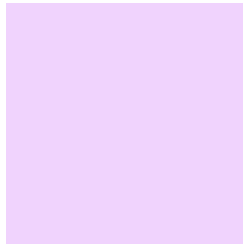
40, 70.366, 20.396



10, 31.424, 12.074

Previews

White Background



This preview shows how the CIELCh color 88, 24.218, 316.132 looks on a white background.

Color Contrast Check

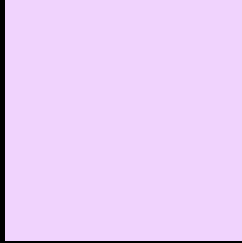
Large Text (above 18pt) WCAG AA × Fail

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, 24.218, 316.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

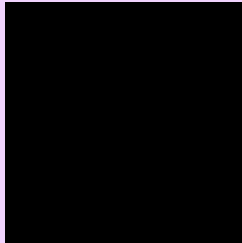
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

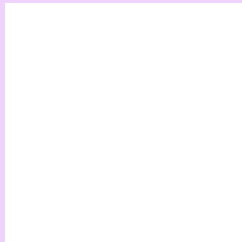
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 24.218, 316.132

Background



This preview shows how black text looks on a background with the CIELCh color 88, 24.218, 316.132.

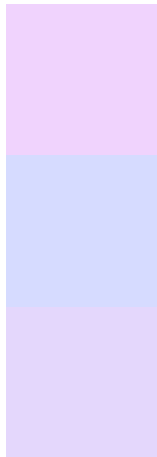


This preview shows how white text looks on a background with the CIELCh color 88, 24.218, 316.132.

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, 24.218, 316.132

Protanopia

88, 18.849, 286.655

Deuteranopia

88, 19.929, 304.549



Tritanopia
88, 11.514, 333.794

Trichromacy



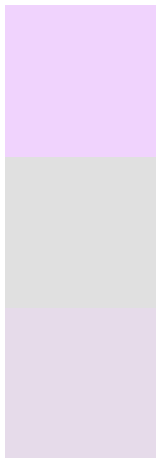
Original Color
88, 24.218, 316.132

Protanomaly
88, 20.066, 298.542

Deuteranomaly
88, 21.511, 309.342

Tritanomaly
88, 16.261, 323.967

Monochromacy



Original Color
88, 24.218, 316.132

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 8.785, 317.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 24.218, 316.132 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(240, 211, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 253)  
}
```

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(240, 211, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 24.218, 316.132 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(240, 211, 253) }
```

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

```
.border{ border-color:rgb(240, 211, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 211, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 24.218, 316.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 253) }
```

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

```
.background{ background-color: rgb(240,  
211, 253) }
```

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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