

Converting Colors

CIELCh(88, 21.122, 314.676)

Have a look what the booklet for
CIELCh(88, 21.122, 314.676)
contains.

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Color

CIELCh(88, 21.149, 314.708)

Conversions

Conversions Part 1

Format	Color
Hex	ECD4F9
RGB	236, 212, 249
RGB Percent	93%, 83%, 98%
CMY	0.0728, 0.1670, 0.0219
CMYK	0.05, 0.15, 0.00, 0.02
HSL	279°, 77%, 91%
HSV	279°, 15%, 98%
XYZ	75.5448, 72.0653, 99.8995
YIQ	223.3940, 2.4270, 16.5950

Conversions

Conversions Part 2

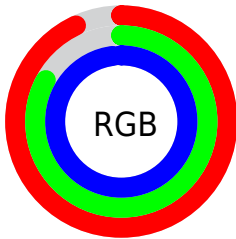
Format	Color
R _{YB}	236, 212, 249
Decimal	15521017
CIE Lab	88.00, 14.88, -15.03
CIE LCh	88, 21.149, 314.708
Yxy	72.0653, 0.3052, 0.2912
Android (android.graphics.Color)	4293711097 (0xFFECD4F9)
YUV	223.3940, 12.6238, 11.0555
Hunter-Lab	84.8913, 10.2876, -10.3482

Details

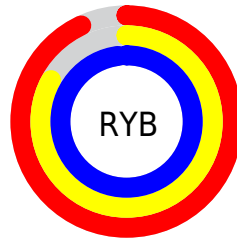
The CIELCh color **88, 21.149, 314.708** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96, 20.857, 133.445**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 21.619, 314.549** is the 20% darker color. If you saturate the color by 10%, you get **81, 35.749, 315.158**, and if you desaturate by 10%, it is **95, 6.818, 314.258**.

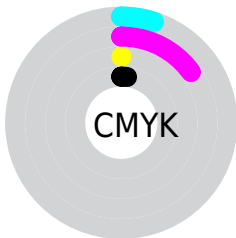
Distribution



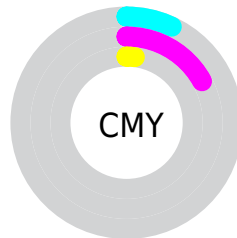
- Red (93%)
- Green (83%)
- Blue (98%)



- Red (93%)
- Yellow (83%)
- Blue (98%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)




- Cyan (7%)
- Magenta (17%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 21.149, 314.708 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, 21.149, 314.708 by changing the saturation by 10% instead.


 88, 21.149,
314.708


 88, 21.149,
314.708


 100, 21.149,
314.708


 78, 21.149,
314.708

 68, 21.149,
314.708

 58, 21.149,
314.708

 48, 21.149,
314.708

 38, 21.149,
314.708

 28, 21.149,
314.708

 18, 21.149,

314.708

■ 8, 21.149, 314.708

■ 0, 21.149, 314.708

■ 88, 21.149,
314.708

■ 88, 21.149,
314.708

■ 81, 35.749,
315.158

■ 95, 6.818, 314.258

■ 75, 50.481,
315.608

■ 100, 2.844,
117.390

■ 68, 65.098,
316.033

■ 100, 2.815,
109.940

■ 63, 79.214,
316.397

■ 57, 92.260,

316.646

■ 52, 103.485,
316.711

■ 49, 112.062,
316.512

■ 46, 117.369,
315.979

■ 45, 119.085,
315.602

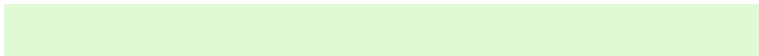
Harmonies

Complementary

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



88, 21.149, 314.708



96, 20.857, 133.445

Rectangle

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



88, 21.149, 314.708



88, 21.149, 4.708



88, 21.149, 134.708



88, 21.149, 184.708

Sweetspot

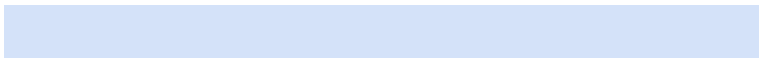
The Sweet Spot groups the original color and five complimentary colors.



88, 21.147, 314.707



97, 5.736, 314.217



90, 12.917, 270.463



51, 4.079, 314.254



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, 21.147, 314.707



88, 26.206, 314.850



89, 21.240, 329.179



49, 8.065, 314.469



34, 96.449, 315.779



7, 43.103, 317.044

Inverse Universe

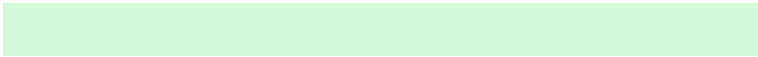
The Inverse Universe completely reimagines the original color for something new.



88, 15.062, 353.916



88, 18.700, 354.273



95, 21.193, 147.348



49, 5.726, 353.342



40, 68.496, 16.438



9, 30.464, 8.352

Previews

White Background



This preview shows how the CIELCh color 88, 21.149, 314.708 looks on a white background.

Color Contrast Check

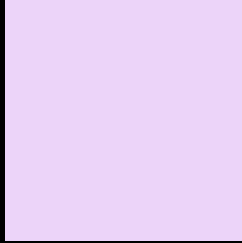
Large Text (above 18pt) WCAG AA × Fail

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, 21.149, 314.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

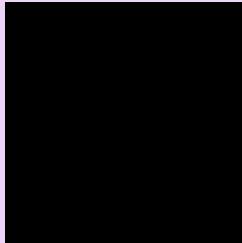
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

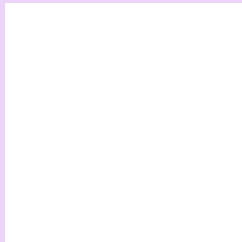
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 21.149, 314.708

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.149, 314.708.

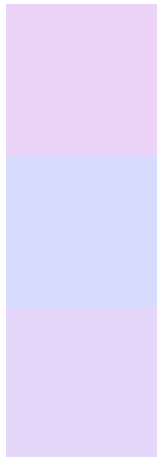


This preview shows how white text looks on a background with the CIELCh color 88, 21.149, 314.708.

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, 21.149, 314.708

Protanopia
88, 18.309, 287.494

Deuteranopia
88, 18.496, 306.625



Tritanopia
88, 11.214, 327.876

Trichromacy



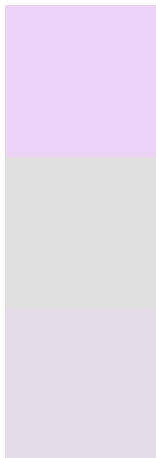
Original Color
88, 21.149, 314.708

Protanomaly
88, 18.453, 297.982

Deuteranomaly
88, 19.411, 310.198

Tritanomaly
88, 14.630, 321.466

Monochromacy



Original Color
88, 21.149, 314.708

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 7.531, 315.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.149, 314.708 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(236, 212, 249)` looks like.

```
.text, #text, p{  
    color:rgb(236, 212, 249)  
}
```

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(236, 212, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 212, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.149, 314.708 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(236, 212, 249) }
```

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

```
.border{ border-color:rgb(236, 212, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 212, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 212, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 212, 249);  
box-shadow:4px 4px 4px 4px rgb(236, 212,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.149, 314.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 212, 249) }
```

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

```
.background{ background-color: rgb(236,  
212, 249) }
```

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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