

Converting Colors

CIELCh(88, 22.429, 309.025)

Have a look what the booklet for
CIELCh(88, 22.429, 309.025)
contains.

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Color

CIELCh(88, 22.604, 309.398)

Conversions

Conversions Part 1

Format	Color
Hex	E9D5FE
RGB	233, 213, 254
RGB Percent	91%, 84%, 100%
CMY	0.0863, 0.1647, 0.0039
CMYK	0.08, 0.16, 0.00, 0.00
HSL	269°, 95%, 92%
HSV	269°, 16%, 100%
XYZ	75.2851, 72.0653, 103.7046
YIQ	223.6540, -1.2410, 16.9910

Conversions

Conversions Part 2

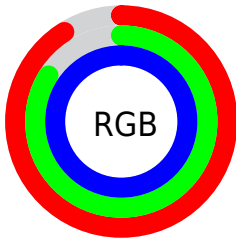
Format	Color
R _Y B	233, 213, 254
Decimal	15324670
CIE Lab	88.00, 14.35, -17.47
CIE LCh	88, 22.604, 309.398
Yxy	72.0653, 0.2999, 0.2870
Android (android.graphics.Color)	4293514750 (0xFFE9D5FE)
YUV	223.6540, 14.9606, 8.1964
Hunter-Lab	84.8913, 9.7416, -13.0057

Details

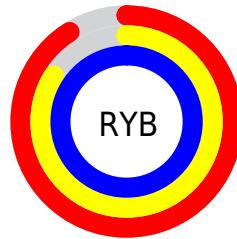
The CIELCh color `88, 22.604, 309.398` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 22.091, 127.903`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 22.659, 309.551` is the 20% darker color. If you saturate the color by 10%, you get `81, 37.106, 309.927`, and if you desaturate by 10%, it is `95, 8.477, 308.900`.

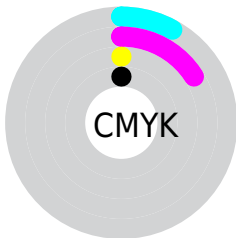
Distribution



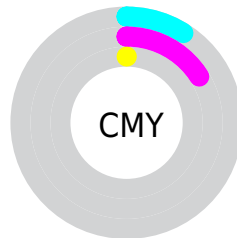
- Red (91%)
- Green (84%)
- Blue (100%)



- Red (91%)
- Yellow (84%)
- Blue (100%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 22.604, 309.398 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, 22.604, 309.398 by changing the saturation by 10% instead.

 88, 22.604,
309.398


 88, 22.604,
309.398

 100, 22.604,
309.398


 78, 22.604,
309.398

 68, 22.604,
309.398

 58, 22.604,
309.398

 48, 22.604,
309.398

 38, 22.604,
309.398

 28, 22.604,
309.398

 18, 22.604,

309.398

■ 8, 22.604, 309.398

■ 0, 22.604, 309.398

■ 88, 22.604,
309.398

■ 88, 22.604,
309.398

■ 81, 37.106,
309.927

■ 95, 8.477, 308.900

■ 74, 51.896,
310.485

100, 0.497,
109.985

■ 67, 66.789,
311.049

■ 60, 81.455,
311.577

■ 54, 95.345,

312.006

■ 49, 107.637,
312.243

■ 44, 117.285,
312.167

■ 41, 123.362,
311.666

■ 40, 125.009,
311.402

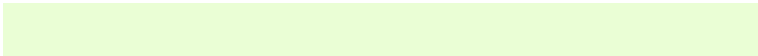
Harmonies

Complementary

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



88, 22.604, 309.398



97, 22.091, 127.903

Rectangle

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



88, 22.604, 309.398



88, 22.604, 359.398



88, 22.604, 129.398



88, 22.604, 179.398

Sweetspot

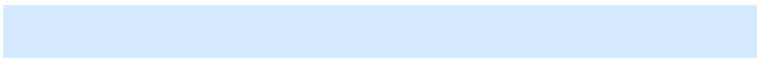
The Sweet Spot groups the original color and five complimentary colors.



88, 22.602, 309.397



96, 6.915, 308.844



92, 12.304, 255.848



51, 4.722, 308.879



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, 22.602, 309.397



86, 26.799, 309.545



90, 25.578, 324.861



49, 7.911, 309.065



30, 100.798, 311.595



6, 44.911, 312.542

Inverse Universe

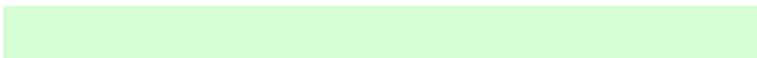
The Inverse Universe completely reimagines the original color for something new.



89, 18.343, 344.365



88, 21.720, 344.641



96, 25.542, 143.017



50, 6.435, 343.747



41, 68.393, 0.952



10, 31.989, 355.544

Previews

White Background



This preview shows how the CIELCh color 88, 22.604, 309.398 looks on a white background.

Color Contrast Check

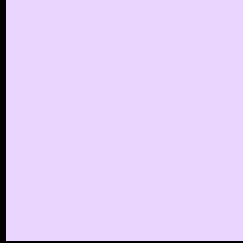
Large Text (above 18pt) WCAG AA × Fail

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, 22.604, 309.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

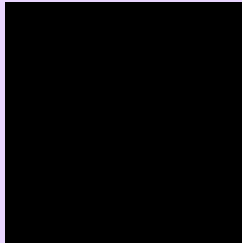
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

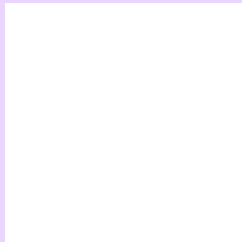
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 22.604, 309.398

Background



This preview shows how black text looks on a background with the CIELCh color 88, 22.604, 309.398.

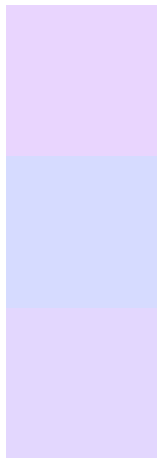


This preview shows how white text looks on a background with the CIELCh color 88, 22.604, 309.398.

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, 22.604, 309.398

Protanopia

88, 18.849, 286.655

Deuteranopia

88, 20.876, 303.035



Tritanopia
88, 10.051, 318.036

Trichromacy



Original Color
88, 22.604, 309.398

Protanomaly
88, 19.945, 295.655

Deuteranomaly
88, 21.626, 305.452

Tritanomaly
88, 14.142, 312.910

Monochromacy



Original Color
88, 22.604, 309.398

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 8.241, 308.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 22.604, 309.398 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(233, 213, 254)` looks like.

```
.text, #text, p{  
    color:rgb(233, 213, 254)  
}
```

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(233, 213, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 22.604, 309.398 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(233, 213, 254) }
```

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

```
.border{ border-color:rgb(233, 213, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 213, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 254);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 22.604, 309.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 254) }
```

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

```
.background{ background-color: rgb(233,  
213, 254) }
```

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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