

Converting Colors

CIELCh(88, 22.076, 305.738)

Have a look what the booklet for
CIELCh(88, 22.076, 305.738)
contains.

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Color

CIELCh(88, 22.213, 306.009)

Conversions

Conversions Part 1

Format	Color
Hex	E6D6FF
RGB	230, 214, 255
RGB Percent	90%, 84%, 100%
CMY	0.0984, 0.1611, 0.0004
CMYK	0.10, 0.16, 0.00, 0.00
HSL	263°, 100%, 92%
HSV	263°, 16%, 100%
XYZ	74.6583, 72.0653, 104.4991
YIQ	223.4580, -3.6250, 16.1430

Conversions

Conversions Part 2

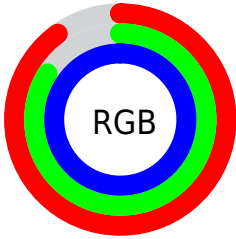
Format	Color
R _Y B	230, 214, 255
Decimal	15128319
CIE _{Lab}	88.00, 13.06, -17.97
CIE _{LCh}	88, 22.213, 306.009
Y _{xy}	72.0653, 0.2972, 0.2869
Android (android.graphics.Color)	4293318399 (0xFFE6D6FF)
YUV	223.4580, 15.5502, 5.7373
Hunter-Lab	84.8913, 8.4235, -13.5607

Details

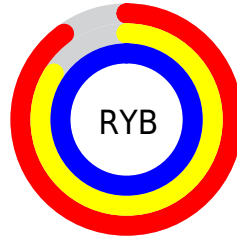
The CIELCh color `88, 22.213, 306.009` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 21.611, 124.330`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 22.261, 306.014` is the 20% darker color. If you saturate the color by 10%, you get `81, 36.597, 306.631`, and if you desaturate by 10%, it is `95, 8.267, 305.441`.

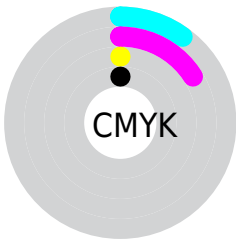
Distribution



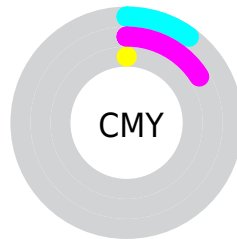
- Red (90%)
- Green (84%)
- Blue (100%)



- Red (90%)
- Yellow (84%)
- Blue (100%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 22.213, 306.009 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, 22.213, 306.009 by changing the saturation by 10% instead.

 88, 22.213,
306.009

 88, 22.213,
306.009

 100, 22.213,
306.009

 78, 22.213,
306.009

 68, 22.213,
306.009

 58, 22.213,
306.009

 48, 22.213,
306.009

 38, 22.213,
306.009

 28, 22.213,
306.009

 18, 22.213,

306.009

■ 8, 22.213, 306.009

■ 0, 22.213, 306.009

■ 88, 22.213,
306.009

■ 88, 22.213,
306.009

■ 81, 36.597,
306.631

■ 95, 8.267, 305.441

■ 73, 51.367,
307.310

100, 0.038,
108.147

■ 66, 66.383,
308.025

■ 59, 81.368,
308.738

■ 53, 95.811,

309.383

■ 47, 108.869,
309.854

■ 42, 119.363,
310.005

■ 39, 126.108,
309.690

■ 38, 127.959,
309.488

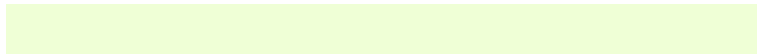
Harmonies

Complementary

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



88, 22.213, 306.009



98, 21.611, 124.330

Rectangle

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



88, 22.213, 306.009



88, 22.213, 356.009



88, 22.213, 126.009



88, 22.213, 176.009

Sweetspot

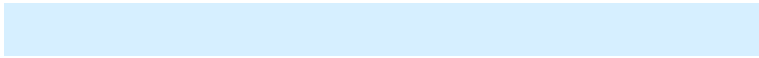
The Sweet Spot groups the original color and five complimentary colors.



88, 22.211, 306.008



96, 6.788, 305.382



93, 11.552, 243.770



51, 4.636, 305.421



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, 22.211, 306.008



86, 26.373, 306.183



90, 24.824, 322.007



49, 7.772, 305.630



27, 102.877, 309.668



5, 44.887, 309.937

Inverse Universe

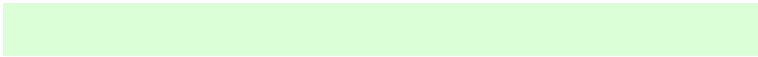
The Inverse Universe completely reimagines the original color for something new.



90, 19.575, 339.403



88, 23.179, 339.651



97, 24.708, 140.387



50, 6.884, 338.858



42, 70.673, 352.137



11, 33.310, 348.265

Previews

White Background



This preview shows how the CIELCh color 88, 22.213, 306.009 looks on a white background.

Color Contrast Check

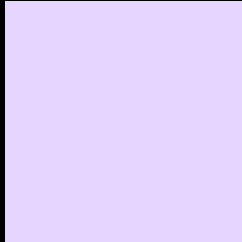
Large Text (above 18pt) WCAG AA × Fail

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, 22.213, 306.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

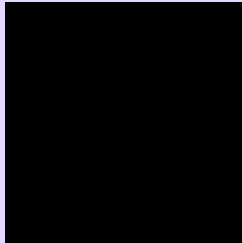
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

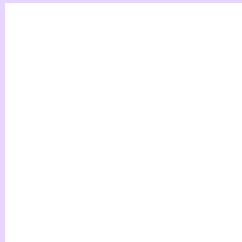
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 22.213, 306.009

Background



This preview shows how black text looks on a background with the CIELCh color 88, 22.213, 306.009.

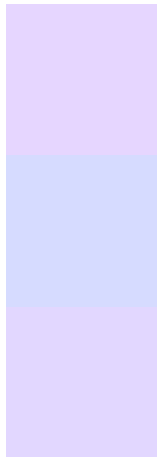


This preview shows how white text looks on a background with the CIELCh color 88, 22.213, 306.009.

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, 22.213, 306.009

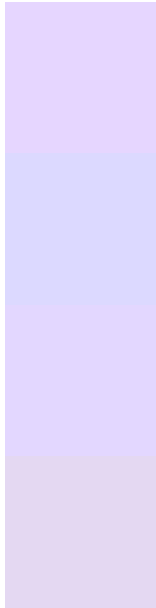
Protanopia
88, 18.849, 286.655

Deuteranopia
88, 21.324, 301.886



Tritanopia
88, 10.093, 311.298

Trichromacy



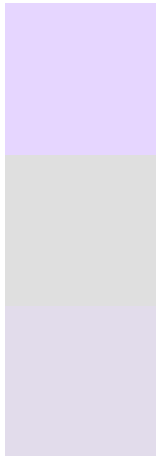
Original Color
88, 22.213, 306.009

Protanomaly
88, 19.921, 294.692

Deuteranomaly
88, 21.387, 302.782

Tritanomaly
88, 14.282, 308.213

Monochromacy



Original Color
88, 22.213, 306.009

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 8.140, 305.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 22.213, 306.009 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(230, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 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(230, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 22.213, 306.009 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(230, 214, 255) }
```

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

```
.border{ border-color:rgb(230, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 22.213, 306.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 255) }
```

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

```
.background{ background-color: rgb(230,  
214, 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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