

Converting Colors

CIELCh(88, 15.088, 300.197)

Have a look what the booklet for
CIELCh(88, 15.088, 300.197)
contains.

CIELCh(88, 14.881, 300.667)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 14.881, 300.667)

Conversions

Conversions Part 1

Format	Color
Hex	E0D9F5
RGB	224, 217, 245
RGB Percent	88%, 85%, 96%
CMY	0.1216, 0.1490, 0.0392
CMYK	0.09, 0.11, 0.00, 0.04
HSL	255°, 58%, 91%
HSV	255°, 11%, 96%
XYZ	72.0344, 72.0653, 96.4986
YIQ	222.2850, -4.8160, 10.1920

Conversions

Conversions Part 2

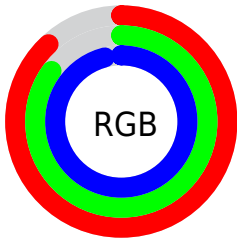
Format	Color
R_{YB}	224, 217, 245
Decimal	14735861
CIE _{Lab}	88.00, 7.59, -12.80
CIE _{LCh}	88, 14.881, 300.667
Yxy	72.0653, 0.2994, 0.2995
Android (android.graphics.Color)	4292925941 (0xFFE0D9F5)
YUV	222.2850, 11.1985, 1.5041
Hunter-Lab	84.8913, 2.9062, -7.9730

Details

The CIELCh color `88, 14.881, 300.667` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 14.532, 119.194`, 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, 15.154, 301.196` is the 20% darker color. If you saturate the color by 10%, you get `81, 28.420, 301.437`, and if you desaturate by 10%, it is `95, 1.833, 299.975`.

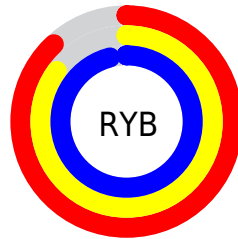
Distribution



Red (88%)

Green (85%)

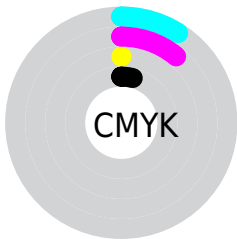
Blue (96%)



Red (88%)

Yellow (85%)

Blue (96%)

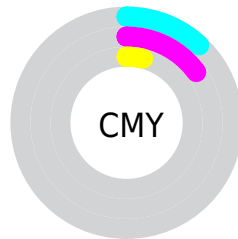


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (12%)

Magenta (15%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 14.881, 300.667 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, 14.881, 300.667 by changing the saturation by 10% instead.

 88, 14.881,
300.667

 88, 14.881,
300.667

 100, 14.881,
300.667

 78, 14.881,
300.667

 68, 14.881,
300.667

 58, 14.881,
300.667

 48, 14.881,
300.667

 38, 14.881,
300.667

 28, 14.881,
300.667

 18, 14.881,

300.667

■ 8, 14.881, 300.667

■ 0, 14.881, 300.667

■ 88, 14.881,
300.667

■ 88, 14.881,
300.667

■ 81, 28.420,
301.437

■ 95, 1.833, 299.975

■ 73, 42.456,
302.314

■ 100, 5.059,
109.785

■ 66, 56.945,
303.293

■ 58, 71.755,
304.356

■ 51, 86.578,

305.452

■ 45, 100.785,
306.484

■ 40, 113.264,
307.290

■ 35, 122.485,
307.663

■ 33, 127.242,
307.597

Harmonies

Complementary

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



88, 14.881, 300.667



95, 14.532, 119.194

Rectangle

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



88, 14.881, 300.667



88, 14.881, 350.667



88, 14.881, 120.667



88, 14.881, 170.667

Sweetspot

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



88, 14.879, 300.664



98, 3.980, 300.085



93, 8.004, 224.017



52, 3.020, 300.139



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, 14.879, 300.664



89, 18.920, 300.855



89, 16.335, 317.254



47, 7.369, 300.526



24, 103.341, 307.730



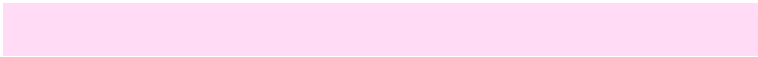
4, 40.670, 305.403

Inverse Universe

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



89, 14.821, 333.063



91, 18.788, 333.245



94, 16.201, 136.282



48, 7.357, 332.927



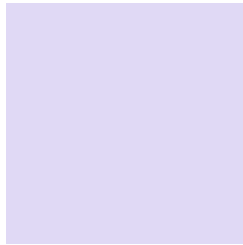
42, 75.346, 341.363



10, 34.301, 339.210

Previews

White Background



This preview shows how the CIELCh color 88, 14.881, 300.667 looks on a white background.

Color Contrast Check

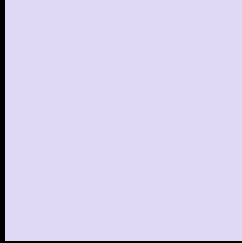
Large Text (above 18pt) WCAG AA × Fail

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, 14.881, 300.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

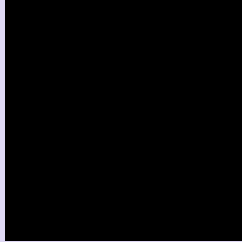
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 14.881, 300.667

Background



This preview shows how black text looks on a background with the CIELCh color 88, 14.881, 300.667.

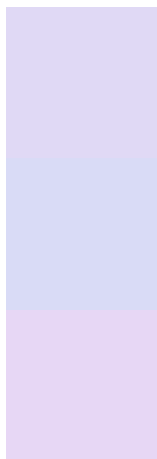


This preview shows how white text looks on a background with the CIELCh color 88, 14.881, 300.667.

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, 14.881, 300.667

Protanopia

88, 14.115, 288.579

Deuteranopia

88, 16.712, 310.759



Tritanopia
88, 8.965, 297.615

Trichromacy



Original Color
88, 14.881, 300.667

Protanomaly
88, 14.670, 294.047

Deuteranomaly
88, 15.784, 306.595

Tritanomaly
88, 11.145, 300.038

Monochromacy



Original Color
88, 14.881, 300.667

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 5.348, 302.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 14.881, 300.667 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(224, 217, 245)` looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 245)  
}
```

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(224, 217, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 14.881, 300.667 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(224, 217, 245) }
```

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

```
.border{ border-color:rgb(224, 217, 245) }
```

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

Here you see how a box with a 4 pixel rgb(224, 217, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 217, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 217, 245);  
box-shadow:4px 4px 4px 4px rgb(224, 217,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 14.881, 300.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 245) }
```

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

```
.background{ background-color: rgb(224,  
217, 245) }
```

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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