

Converting Colors

CIELCh(88, 8.508, 304.520)

Have a look what the booklet for
CIELCh(88, 8.508, 304.520) contains.

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Color

CIELCh(88, 8.659, 304.933)

Conversions

Conversions Part 1

Format	Color
Hex	E0DAEA
RGB	224, 218, 234
RGB Percent	88%, 85%, 92%
CMY	0.1208, 0.1444, 0.0816
CMYK	0.04, 0.07, 0.00, 0.08
HSL	262°, 28%, 89%
HSV	262°, 7%, 92%
XYZ	70.7940, 72.0653, 88.1601
YIQ	221.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

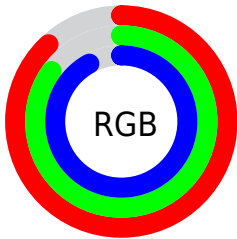
Format	Color
R _Y B	224, 218, 234
Decimal	14736106
CIE Lab	88.00, 4.96, -7.10
CIE LCh	88, 8.659, 304.933
Yxy	72.0653, 0.3064, 0.3119
Android (android.graphics.Color)	4292926186 (0xFFE0DAEA)
YUV	221.6180, 6.1043, 2.0890
Hunter-Lab	84.8913, 0.2980, -2.1491

Details

The CIELCh color `88, 8.659, 304.933` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 8.541, 124.247`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 8.599, 305.911` is the 20% darker color. If you saturate the color by 10%, you get `81, 21.676, 305.509`, and if you desaturate by 10%, it is `95, 3.931, 124.451`.

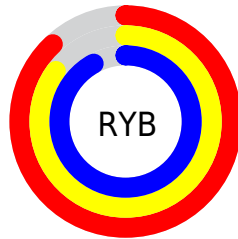
Distribution



Red (88%)

Green (85%)

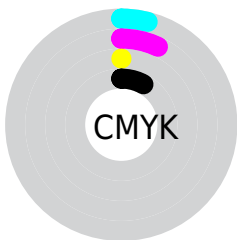
Blue (92%)



Red (88%)

Yellow (85%)

Blue (92%)

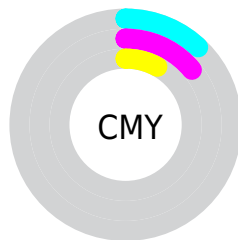


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (14%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 8.659, 304.933 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, 8.659, 304.933 by changing the saturation by 10% instead.

■ 88, 8.659, 304.933

■ 88, 8.659, 304.933

■ 100, 8.659,
304.933

■ 78, 8.659, 304.933

■ 68, 8.659, 304.933

■ 58, 8.659, 304.933

■ 48, 8.659, 304.933

■ 38, 8.659, 304.933

■ 28, 8.659, 304.933

■ 18, 8.659, 304.933

■ 8, 8.659, 304.933

■ 0, 8.659, 304.933

88, 8.659, 304.933

88, 8.659, 304.933

81, 21.676,
305.509

95, 3.931, 124.451

74, 35.113,
306.152

99, 10.556,
112.379

67, 48.915,
306.853

100, 10.535,
109.380

60, 62.954,
307.595

54, 76.973,
308.338

48, 90.490,
309.016

42, 102.708,
309.518

38, 112.503,
309.697

■ 35,118.780,
309.408

Harmonies

Complementary

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



88, 8.659, 304.933



92, 8.541, 124.247

Rectangle

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



88, 8.659, 304.933



88, 8.659, 354.933



88, 8.659, 124.933



88, 8.659, 174.933

Sweetspot

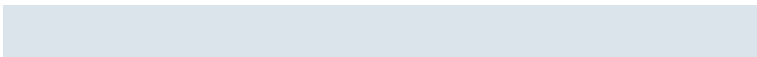
The Sweet Spot groups the original color and five complimentary colors.



88, 8.657, 304.928



99, 2.701, 304.651



90, 4.626, 240.611



53, 1.536, 304.644



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, 8.657, 304.928



94, 10.882, 304.995



89, 9.734, 321.061



45, 7.239, 305.076



25, 99.020, 309.448



4, 37.026, 307.490

Inverse Universe

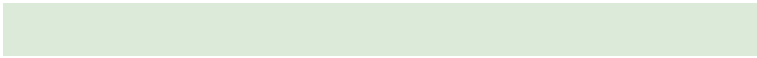
The Inverse Universe completely reimagines the original color for something new.



89, 7.785, 337.929



95, 9.779, 338.028



91, 9.697, 140.458



46, 6.499, 338.143



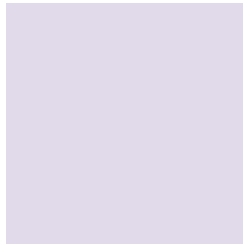
40, 68.402, 350.722



8, 30.196, 346.356

Previews

White Background



This preview shows how the CIELCh color 88, 8.659, 304.933 looks on a white background.

Color Contrast Check

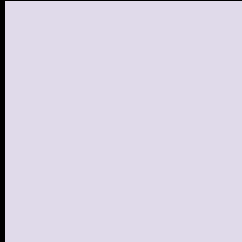
Large Text (above 18pt) WCAG AA × Fail

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, 8.659, 304.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

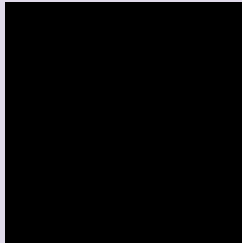
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 8.659, 304.933

Background



This preview shows how black text looks on a background with the CIELCh color 88, 8.659, 304.933.

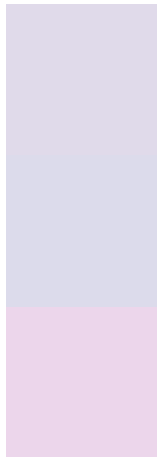


This preview shows how white text looks on a background with the CIELCh color 88, 8.659, 304.933.

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

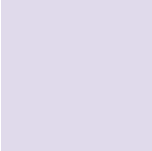
88, 8.659, 304.933

Protanopia

88, 8.379, 293.260

Deuteranopia

88, 13.520, 326.181



Tritanopia
88, 9.166, 304.157

Trichromacy



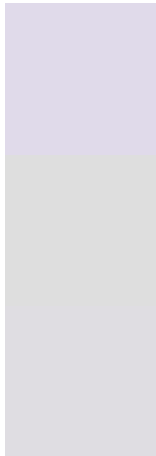
Original Color
88, 8.659, 304.933

Protanomaly
88, 8.446, 298.000

Deuteranomaly
88, 11.481, 320.405

Tritanomaly
88, 9.166, 304.157

Monochromacy



Original Color
88, 8.659, 304.933

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 2.721, 305.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 8.659, 304.933 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, 218, 234)` looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 234)  
}
```

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, 218, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 8.659, 304.933 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, 218, 234) }
```

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

```
.border{ border-color:rgb(224, 218, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 218, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 234);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 8.659, 304.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 234) }
```

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

```
.background{ background-color: rgb(224,  
218, 234) }
```

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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