

Converting Colors

CIELCh(88, 9.454, 316.057)

Have a look what the booklet for
CIELCh(88, 9.454, 316.057) contains.

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Color

CIELCh(88, 9.269, 315.601)

Conversions

Conversions Part 1

Format	Color
Hex	E4D9E9
RGB	228, 217, 233
RGB Percent	89%, 85%, 91%
CMY	0.1055, 0.1487, 0.0859
CMYK	0.02, 0.07, 0.00, 0.09
HSL	281°, 27%, 88%
HSV	281°, 7%, 91%
XYZ	71.5767, 72.0653, 87.2921
YIQ	222.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

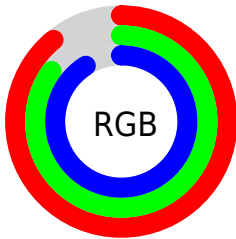
Format	Color
R_{YB}	228, 217, 233
Decimal	14997993
CIE Lab	88.00, 6.62, -6.49
CIE LCh	88, 9.269, 315.601
Yxy	72.0653, 0.3099, 0.3121
Android (android.graphics.Color)	4293188073 (0xFFE4D9E9)
YUV	222.1130, 5.3673, 5.1629
Hunter-Lab	84.8913, 1.9439, -1.5429

Details

The CIELCh color **88, 9.269, 315.601** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 9.201, 135.066**, 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, 9.273, 317.113** is the 20% darker color. If you saturate the color by 10%, you get **82, 23.006, 316.043**, and if you desaturate by 10%, it is **94, 4.167, 135.258**.

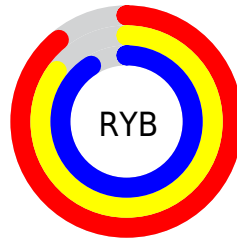
Distribution



Red (89%)

Green (85%)

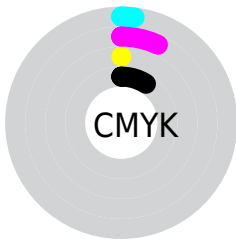
Blue (91%)



Red (89%)

Yellow (85%)

Blue (91%)

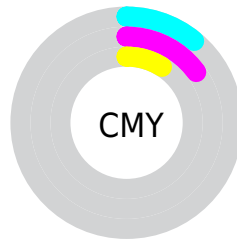


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 9.269, 315.601 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, 9.269, 315.601 by changing the saturation by 10% instead.

88, 9.269, 315.601

88, 9.269, 315.601

100, 9.269,
315.601

78, 9.269, 315.601

68, 9.269, 315.601

58, 9.269, 315.601

48, 9.269, 315.601

38, 9.269, 315.601

28, 9.269, 315.601

18, 9.269, 315.601

8, 9.269, 315.601

0, 9.269, 315.601

88, 9.269, 315.601

88, 9.269, 315.601

82, 23.006,
316.043

94, 4.167, 135.258

75, 36.954,
316.487

99, 12.000,
130.892

69, 50.943,
316.922

99, 11.263,
118.623

64, 64.704,
317.321

99, 11.092,
109.339

58, 77.824,
317.646

53, 89.727,
317.845

49, 99.698,
317.854

46, 107.016,
317.601

■ 44, 111.265,
317.036

Harmonies

Complementary

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



88, 9.269, 315.601



91, 9.201, 135.066

Rectangle

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



88, 9.269, 315.601



88, 9.269, 5.601



88, 9.269, 135.601



88, 9.269, 185.601

Sweetspot

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



88, 9.267, 315.599



99, 2.895, 315.345



88, 5.943, 273.352



53, 1.646, 315.337



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, 9.267, 315.599



95, 11.632, 315.652



88, 8.936, 330.336



46, 7.732, 315.716



33, 92.806, 316.984



6, 38.460, 317.932

Inverse Universe

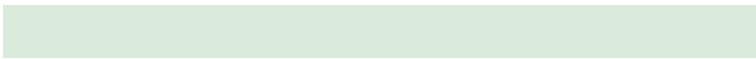
The Inverse Universe completely reimagines the original color for something new.



88, 6.365, 355.656



95, 7.999, 355.784



91, 8.908, 149.556



46, 5.324, 355.939



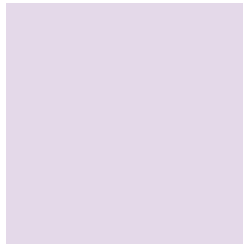
38, 67.383, 19.877



7, 27.800, 8.626

Previews

White Background



This preview shows how the CIELCh color 88, 9.269, 315.601 looks on a white background.

Color Contrast Check

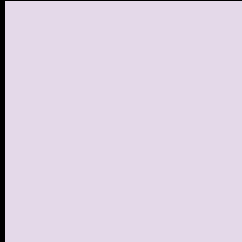
Large Text (above 18pt) WCAG AA × Fail

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, 9.269, 315.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

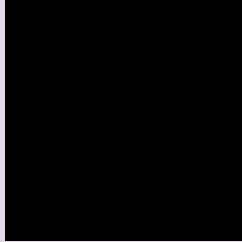
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

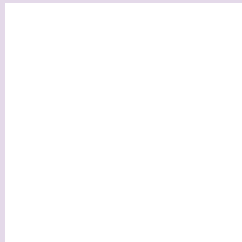
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 9.269, 315.601

Background



This preview shows how black text looks on a background with the CIELCh color 88, 9.269, 315.601.

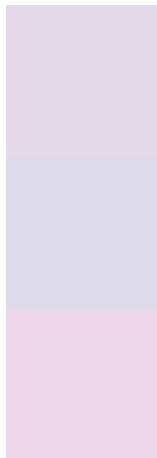


This preview shows how white text looks on a background with the CIELCh color 88, 9.269, 315.601.

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, 9.269, 315.601

Protanopia

88, 7.885, 295.920

Deuteranopia

88, 13.103, 327.512



Tritanopia
88, 9.744, 314.316

Trichromacy



Original Color
88, 9.269, 315.601

Protanomaly
88, 8.659, 304.933

Deuteranomaly
88, 11.858, 323.423

Tritanomaly
88, 9.744, 314.316

Monochromacy



Original Color
88, 9.269, 315.601

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 3.465, 314.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 9.269, 315.601 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(228, 217, 233)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 233)  
}
```

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(228, 217, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 9.269, 315.601 is called "border". The border property can be set on classes, ids or directly on the HTML element.

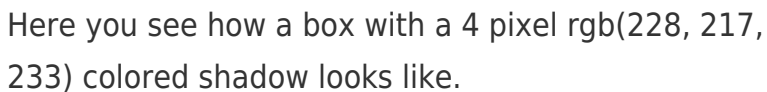
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 217, 233) }
```

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

```
.border{ border-color:rgb(228, 217, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 217, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 217, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 217, 233);  
box-shadow:4px 4px 4px 4px rgb(228, 217,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 9.269, 315.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 217, 233) }
```

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

```
.background{ background-color: rgb(228,  
217, 233) }
```

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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