

Converting Colors

CIELCh(88, 11.322, 311.999)

Have a look what the booklet for
CIELCh(88, 11.322, 311.999)
contains.

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Color

CIELCh(88, 11.194, 311.145)

Conversions

Conversions Part 1

Format	Color
Hex	E4D9ED
RGB	228, 217, 237
RGB Percent	89%, 85%, 93%
CMY	0.1068, 0.1499, 0.0715
CMYK	0.04, 0.08, 0.00, 0.07
HSL	273°, 35%, 89%
HSV	273°, 8%, 93%
XYZ	71.9279, 72.0653, 90.0617
YIQ	222.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

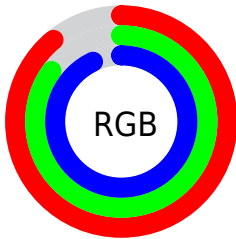
Format	Color
R _Y B	228, 217, 237
Decimal	14997997
CIE Lab	88.00, 7.37, -8.43
CIE LCh	88, 11.194, 311.145
Yxy	72.0653, 0.3073, 0.3079
Android (android.graphics.Color)	4293188077 (0xFFE4D9ED)
YUV	222.5690, 7.1145, 4.7630
Hunter-Lab	84.8913, 2.6823, -3.4773

Details

The CIELCh color **88, 11.194, 311.145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 11.065, 130.444**, 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, 11.285, 312.206** is the 20% darker color. If you saturate the color by 10%, you get **81, 24.766, 311.612**, and if you desaturate by 10%, it is **95, 2.021, 130.805**.

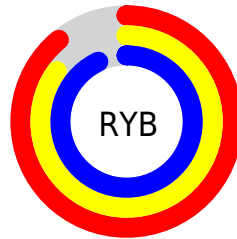
Distribution



Red (89%)

Green (85%)

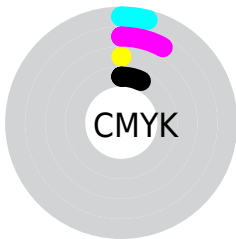
Blue (93%)



Red (89%)

Yellow (85%)

Blue (93%)

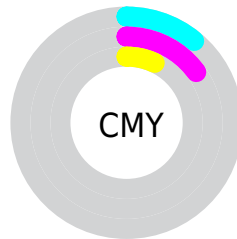


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (11%)


Magenta (15%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 11.194, 311.145 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, 11.194, 311.145 by changing the saturation by 10% instead.


 88, 11.194,
311.145


 88, 11.194,
311.145


 100, 11.194,
311.145


 78, 11.194,
311.145

 68, 11.194,
311.145

 58, 11.194,
311.145

 48, 11.194,
311.145

 38, 11.194,
311.145

 28, 11.194,
311.145

 18, 11.194,

311.145

■ 8, 11.194, 311.145

■ 0, 11.194, 311.145

■ 88, 11.194,
311.145

■ 88, 11.194,
311.145

■ 81, 24.766,
311.612

■ 95, 2.021, 130.805

■ 75, 38.638,
312.104

■ 99, 9.496, 122.332

■ 68, 52.682,
312.606

■ 100, 9.229,
109.478

■ 62, 66.671,
313.090

■ 56, 80.227,

313.513

■ 51, 92.767,
313.808

■ 46, 103.490,
313.887

■ 42, 111.491,
313.646

■ 40, 116.270,
313.021

Harmonies

Complementary

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



88, 11.194, 311.145



92, 11.065, 130.444

Rectangle

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



88, 11.194, 311.145



88, 11.194, 1.145



88, 11.194, 131.145



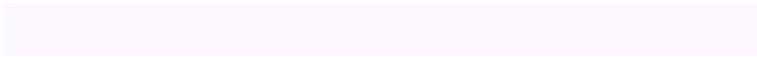
88, 11.194, 181.145

Sweetspot

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



88, 11.192, 311.142



98, 4.197, 310.881



90, 6.368, 260.118



52, 3.184, 310.924



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, 11.192, 311.142



93, 14.106, 311.216



89, 12.374, 325.790



46, 7.484, 311.189



29, 95.447, 313.109



5, 37.924, 313.295

Inverse Universe

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



88, 8.626, 347.114



93, 10.873, 347.270



92, 12.353, 144.865



46, 5.768, 347.214



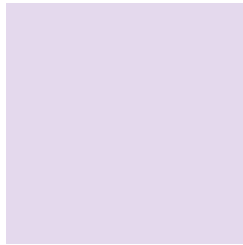
39, 65.281, 6.723



8, 28.210, 359.094

Previews

White Background



This preview shows how the CIELCh color 88, 11.194, 311.145 looks on a white background.

Color Contrast Check

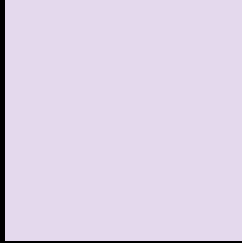
Large Text (above 18pt) WCAG AA × Fail

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, 11.194, 311.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

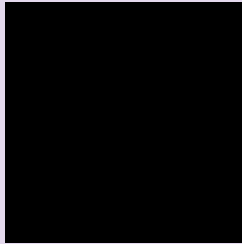
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

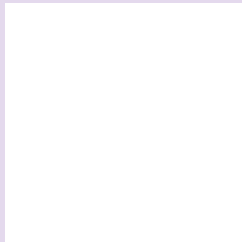
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 11.194, 311.145

Background



This preview shows how black text looks on a background with the CIELCh color 88, 11.194, 311.145.



This preview shows how white text looks on a background with the CIELCh color 88, 11.194, 311.145.

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](#).

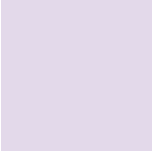
Dichromacy



Original Color
88, 11.194, 311.145

Protanopia
88, 9.933, 291.002

Deuteranopia
88, 14.187, 322.541



Tritanopia
88, 9.607, 312.378

Trichromacy



Original Color
88, 11.194, 311.145

Protanomaly
88, 10.575, 298.591

Deuteranomaly
88, 13.028, 318.376

Tritanomaly
88, 10.093, 311.298

Monochromacy



Original Color
88, 11.194, 311.145

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 3.946, 311.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 11.194, 311.145 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 11.194, 311.145 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, 237) }
```

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

```
.border{ border-color:rgb(228, 217, 237) }
```

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, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(228, 217,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 11.194, 311.145 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, 237) }
```

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

```
.background{ background-color: rgb(228,  
217, 237) }
```

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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