

Converting Colors

CIELCh(88, 14.113, 317.710)

Have a look what the booklet for
CIELCh(88, 14.113, 317.710)
contains.

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Color

CIELCh(88, 14.113, 317.710)

Conversions

Conversions Part 1

Format	Color
Hex	E9D7EF
RGB	233, 215, 239
RGB Percent	91%, 84%, 94%
CMY	0.0868, 0.1573, 0.0632
CMYK	0.03, 0.10, 0.00, 0.06
HSL	285°, 43%, 89%
HSV	285°, 10%, 94%
XYZ	73.3939, 72.0653, 91.6057
YIQ	223.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

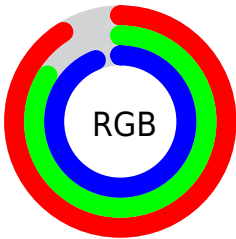
Format	Color
R _Y B	233, 215, 239
Decimal	15325167
CIE Lab	88.00, 10.44, -9.50
CIE LCh	88, 14.113, 317.710
Yxy	72.0653, 0.3096, 0.3040
Android (android.graphics.Color)	4293515247 (0xFFE9D7EF)
YUV	223.1180, 7.8298, 8.6665
Hunter-Lab	84.8913, 5.7648, -4.5556

Details

The CIELCh color **88, 14.113, 317.710** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **93, 14.011, 136.860**, 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, 14.209, 317.476** is the 20% darker color. If you saturate the color by 10%, you get **82, 28.402, 318.158**, and if you desaturate by 10%, it is **94, 0.072, 314.208**.

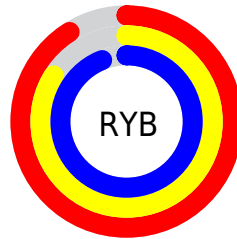
Distribution



Red (91%)

Green (84%)

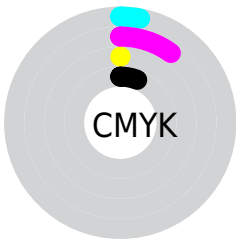
Blue (94%)



Red (91%)

Yellow (84%)

Blue (94%)

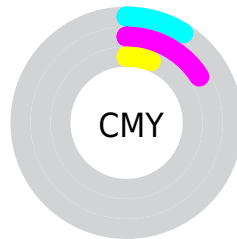


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (9%)


Magenta (16%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 14.113, 317.710 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, 14.113, 317.710 by changing the saturation by 10% instead.


 88, 14.113,
317.710


 88, 14.113,
317.710


 100, 14.113,
317.710


 78, 14.113,
317.710

 68, 14.113,
317.710

 58, 14.113,
317.710

 48, 14.113,
317.710

 38, 14.113,
317.710

 28, 14.113,
317.710

 18, 14.113,

317.710

■ 8, 14.113, 317.710

■ 0, 14.113, 317.710

■ 88, 14.113,
317.710

■ 88, 14.113,
317.710

■ 82, 28.402,
318.158

■ 94, 0.072, 314.208

■ 76, 42.805,
318.599

■ 99, 8.976, 133.273

■ 99, 8.318, 119.940

■ 70, 57.088,
319.018

■ 100, 8.162,
109.557

■ 64, 70.901,
319.384

■ 59, 83.745,

319.659

■ 55, 94.974,
319.793

■ 51, 103.878,
319.729

■ 49, 109.868,
319.415

■ 47, 113.048,
318.854

Harmonies

Complementary

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



88, 14.113, 317.710



93, 14.011, 136.860

Rectangle

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



88, 14.113, 317.710



88, 14.113, 7.710



88, 14.113, 137.710



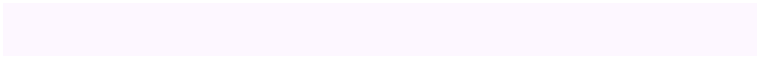
88, 14.113, 187.710

Sweetspot

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



88, 14.111, 317.709



98, 4.417, 317.369



88, 9.404, 277.394



52, 3.350, 317.414



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, 14.111, 317.709



92, 17.808, 317.799



88, 12.903, 332.341



47, 8.000, 317.683



36, 92.741, 318.993



7, 40.082, 320.091

Inverse Universe

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



88, 9.287, 0.423



92, 11.753, 0.644



92, 12.855, 151.072



47, 5.261, 0.361



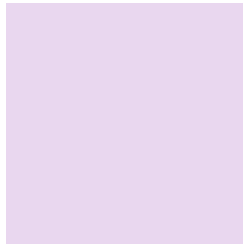
38, 70.361, 25.441



8, 28.871, 13.122

Previews

White Background



This preview shows how the CIELCh color 88, 14.113, 317.710 looks on a white background.

Color Contrast Check

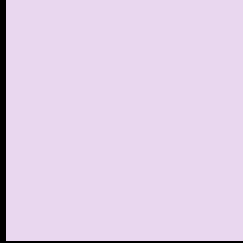
Large Text (above 18pt) WCAG AA × Fail

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, 14.113, 317.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

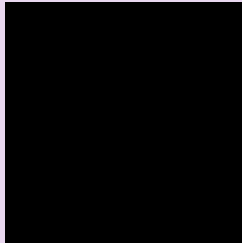
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

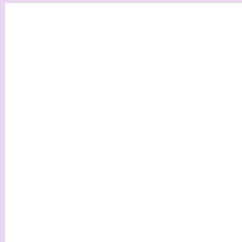
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 14.113, 317.710

Background



This preview shows how black text looks on a background with the CIELCh color 88, 14.113, 317.710.



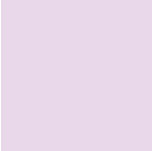
This preview shows how white text looks on a background with the CIELCh color 88, 14.113, 317.710.

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





Tritanopia
88, 10.593, 323.205

Trichromacy



Original Color
88, 14.113, 317.710

Protanomaly
88, 12.236, 300.933

Deuteranomaly
88, 14.275, 318.988

Tritanomaly
88, 11.481, 320.405

Monochromacy



Original Color
88, 14.113, 317.710

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.347, 318.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 14.113, 317.710 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(233, 215, 239)` looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 239)  
}
```

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(233, 215, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 14.113, 317.710 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(233, 215, 239) }
```

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

```
.border{ border-color:rgb(233, 215, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 215, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 239);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 14.113, 317.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 239) }
```

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

```
.background{ background-color: rgb(233,  
215, 239) }
```

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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