

Converting Colors

CIELCh(88, 12.900, 330.515)

Have a look what the booklet for
CIELCh(88, 12.900, 330.515)
contains.

CIELCh(88, 12.918, 330.201)	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, 12.918, 330.201)

Conversions

Conversions Part 1

Format	Color
Hex	EDD6E9
RGB	237, 214, 233
RGB Percent	93%, 84%, 91%
CMY	0.0701, 0.1603, 0.0858
CMYK	0.00, 0.10, 0.02, 0.07
HSL	310°, 39%, 88%
HSV	310°, 10%, 93%
XYZ	73.7640, 72.0653, 87.2000
YIQ	223.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

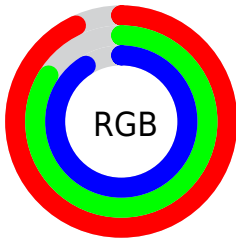
Format	Color
RYB	237, 214, 233
Decimal	15587049
CIELab	88.00, 11.21, -6.42
CIELCh	88, 12.918, 330.201
Yxy	72.0653, 0.3165, 0.3093
Android (android.graphics.Color)	4293777129 (0xFFEDD6E9)
YUV	223.0430, 4.9088, 12.2403
Hunter-Lab	84.8913, 6.5431, -1.4786

Details

The CIELCh color `88, 12.918, 330.201` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 12.879, 149.036`, 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, 12.941, 330.618` is the 20% darker color. If you saturate the color by 10%, you get `82, 26.354, 330.847`, and if you desaturate by 10%, it is `94, 0.387, 150.503`.

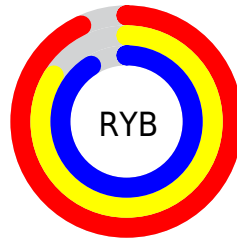
Distribution



Red (93%)

Green (84%)

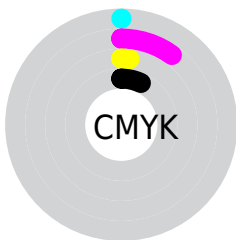
Blue (91%)



Red (93%)

Yellow (84%)

Blue (91%)

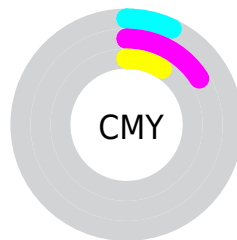


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 12.918, 330.201 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, 12.918, 330.201 by changing the saturation by 10% instead.


 88, 12.918,
330.201


 88, 12.918,
330.201


 100, 12.918,
330.201


 78, 12.918,
330.201

 68, 12.918,
330.201

 58, 12.918,
330.201

 48, 12.918,
330.201

 38, 12.918,
330.201

 28, 12.918,
330.201

 18, 12.918,

330.201

■ 8, 12.918, 330.201

■ 0, 12.918, 330.201

■ 88, 12.918,
330.201

■ 88, 12.918,
330.201

■ 82, 26.354,
330.847

■ 94, 0.387, 150.503

■ 77, 39.717,
331.500

■ 98, 9.414, 151.453

■ 98, 7.948, 161.469

■ 71, 52.694,
332.167

■ 99, 6.812, 175.320

■ 67, 64.852,
332.845

■ 99, 6.195, 193.165

■ 99, 6.138, 199.125

■ 63, 75.650,

333.538

■ 59, 84.483,
334.254

■ 57, 90.808,
335.009

■ 55, 94.314,
335.830

■ 54, 95.298,
336.743

Harmonies

Complementary

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



88, 12.918, 330.201



92, 12.879, 149.036

Rectangle

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



88, 12.918, 330.201



88, 12.918, 20.201



88, 12.918, 150.201



88, 12.918, 200.201

Sweetspot

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



88, 12.915, 330.202



98, 4.221, 329.732



87, 12.163, 297.448



52, 3.200, 329.799



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, 12.915, 330.202



92, 16.973, 330.354



88, 9.274, 354.556



46, 7.498, 330.186



41, 78.049, 336.597



9, 34.077, 335.171

Inverse Universe

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



88, 12.915, 330.202



92, 16.973, 330.354



92, 9.044, 172.854



46, 7.498, 330.186



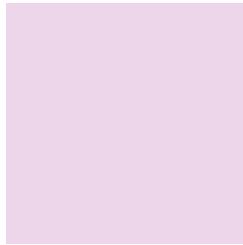
41, 78.049, 336.597



9, 34.077, 335.171

Previews

White Background



This preview shows how the CIELCh color 88, 12.918, 330.201 looks on a white background.

Color Contrast Check

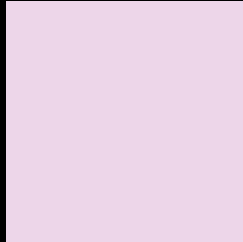
Large Text (above 18pt) WCAG AA × Fail

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, 12.918, 330.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

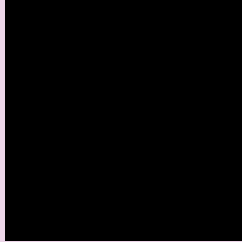
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

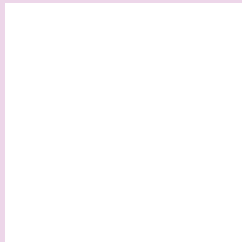
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 12.918, 330.201

Background



This preview shows how black text looks on a background with the CIELCh color 88, 12.918, 330.201.



This preview shows how white text looks on a background with the CIELCh color 88, 12.918, 330.201.

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, 12.918, 330.201

Protanopia

88, 8.901, 293.157

Deuteranopia

88, 12.918, 330.201



Tritanopia
88, 12.143, 333.362

Trichromacy



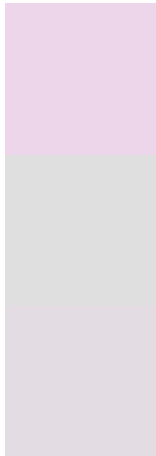
Original Color
88, 12.918, 330.201

Protanomaly
88, 9.974, 309.397

Deuteranomaly
88, 12.918, 330.201

Tritanomaly
88, 12.526, 331.731

Monochromacy



Original Color
88, 12.918, 330.201

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 4.667, 328.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 12.918, 330.201 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(237, 214, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 214, 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(237, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 214, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 12.918, 330.201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

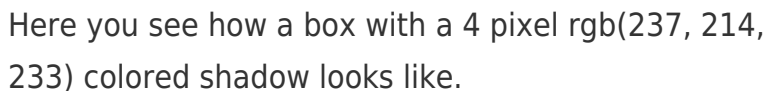
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 214, 233) }
```

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

```
.border{ border-color:rgb(237, 214, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 214, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 214, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 214, 233); box-shadow:4px 4px 4px 4px rgb(237, 214, 233) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 12.918, 330.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 214, 233) }
```

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

```
.background{ background-color: rgb(237,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor