

Converting Colors

CIELCh(85, 12.214, 336.427)

Have a look what the booklet for
CIELCh(85, 12.214, 336.427)
contains.

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Color

CIELCh(85, 12.108, 336.375)

Conversions

Conversions Part 1

Format	Color
Hex	E6CEDE
RGB	230, 206, 222
RGB Percent	90%, 81%, 87%
CMY	0.0994, 0.1934, 0.1307
CMYK	0.00, 0.10, 0.03, 0.10
HSL	320°, 32%, 85%
HSV	320°, 10%, 90%
XYZ	67.6569, 66.0070, 78.0473
YIQ	215.0000, 9.1680, 10.0640

Conversions

Conversions Part 2

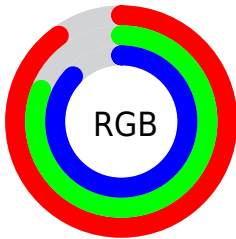
Format	Color
R _Y B	230, 206, 222
Decimal	15126238
CIE Lab	85.00, 11.09, -4.85
CIE LCh	85, 12.108, 336.375
Yxy	66.0070, 0.3196, 0.3118
Android (android.graphics.Color)	4293316318 (0xFFE6CEDE)
YUV	215.0000, 3.4510, 13.1550
Hunter-Lab	81.2447, 6.4684, -0.0853

Details

The CIELCh color `85, 12.108, 336.375` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 12.029, 154.934`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 11.837, 335.878` is the 20% darker color. If you saturate the color by 10%, you get `79, 23.845, 337.154`, and if you desaturate by 10%, it is `91, 0.519, 334.952`.

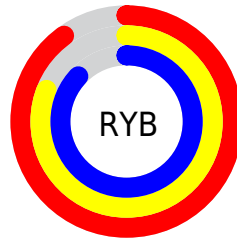
Distribution



Red (90%)

Green (81%)

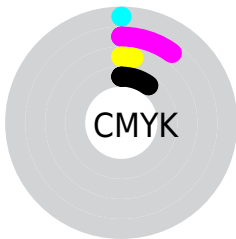
Blue (87%)



Red (90%)

Yellow (81%)

Blue (87%)

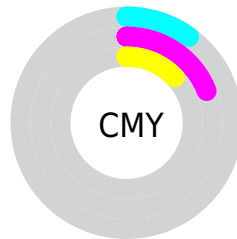


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (10%)



Cyan (10%)


Magenta (19%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 12.108, 336.375 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 85, 12.108, 336.375 by changing the saturation by 10% instead.


 85, 12.108,
336.375


 85, 12.108,
336.375


 100, 12.108,
336.375


 75, 12.108,
336.375

 65, 12.108,
336.375

 55, 12.108,
336.375

 45, 12.108,
336.375

 35, 12.108,
336.375

 25, 12.108,
336.375

 15, 12.108,

336.375

■ 5, 12.108, 336.375

■ 0, 12.108, 336.375

■ 85, 12.108,
336.375

■ 85, 12.108,
336.375

■ 79, 23.845,
337.154

■ 91, 0.519, 334.952

■ 74, 35.556,
337.979

■ 97, 10.807,
155.070

■ 69, 46.959,
338.873

■ 98, 10.327,
168.014

■ 64, 57.657,
339.859

■ 98, 8.809, 189.876

■ 60, 67.138,

■ 98, 8.633, 198.936

340.969

■ 56, 74.819,
342.252

■ 53, 80.164,
343.781

■ 52, 82.871,
345.645

■ 51, 83.343,
347.783

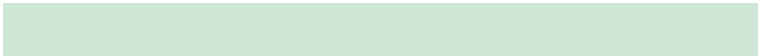
Harmonies

Complementary

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



85, 12.108, 336.375



89, 12.029, 154.934

Rectangle

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



85, 12.108, 336.375



85, 12.108, 26.375



85, 12.108, 156.375



85, 12.108, 206.375

Sweetspot

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



85, 12.105, 336.377



98, 3.764, 335.766



84, 13.020, 303.636



52, 2.854, 335.846



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 12.105, 336.377



92, 16.434, 336.579



85, 9.088, 6.730



45, 6.573, 336.301



39, 69.242, 347.353



7, 29.930, 343.541

Inverse Universe

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



85, 12.105, 336.377



92, 16.434, 336.579



89, 8.684, 184.987



45, 6.573, 336.301



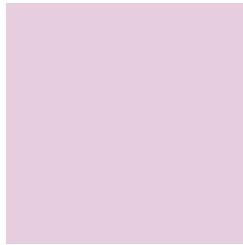
39, 69.242, 347.353



7, 29.930, 343.541

Previews

White Background



This preview shows how the CIELCh color 85, 12.108, 336.375 looks on a white background.

Color Contrast Check

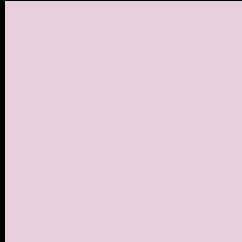
Large Text (above 18pt) WCAG AA × Fail

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 85, 12.108, 336.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

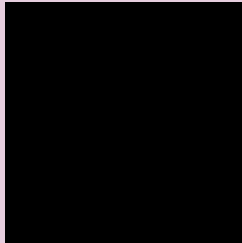
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 12.108, 336.375

Background



This preview shows how black text looks on a background with the CIELCh color 85, 12.108, 336.375.

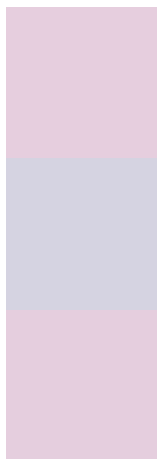


This preview shows how white text looks on a background with the CIELCh color 85, 12.108, 336.375.

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

85, 12.108, 336.375

Protanopia

85, 7.417, 296.265

Deuteranopia

85, 11.852, 335.123



Tritanopia
85, 12.108, 336.375

Trichromacy



Original Color
85, 12.108, 336.375

Protanomaly
85, 8.706, 314.925

Deuteranomaly
85, 11.852, 335.123

Tritanomaly
85, 12.108, 336.375

Monochromacy



Original Color
85, 12.108, 336.375

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.928, 337.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 12.108, 336.375 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(230, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(230, 206, 222)  
}
```

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(230, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 206, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 12.108, 336.375 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(230, 206, 222) }
```

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

```
.border{ border-color:rgb(230, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 206, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 206, 222); box-shadow:4px 4px 4px 4px rgb(230, 206, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 12.108, 336.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 206, 222) }
```

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

```
.background{ background-color: rgb(230,  
206, 222) }
```

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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