

Converting Colors

CIELCh(87, 11.706, 338.210)

Have a look what the booklet for
CIELCh(87, 11.706, 338.210)
contains.

CIELCh(87, 11.706, 338.210)	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(87, 11.706, 338.210)

Conversions

Conversions Part 1

Format	Color
Hex	EBD3E2
RGB	235, 211, 226
RGB Percent	92%, 83%, 89%
CMY	0.0770, 0.1711, 0.1123
CMYK	0.00, 0.10, 0.04, 0.08
HSL	323°, 38%, 88%
HSV	323°, 10%, 92%
XYZ	71.5468, 70.0064, 81.9585
YIQ	219.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

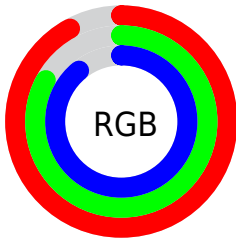
Format	Color
R _{YB}	235, 211, 226
Decimal	15455202
CIE Lab	87.00, 10.87, -4.35
CIE LCh	87, 11.706, 338.210
Yxy	70.0064, 0.3201, 0.3132
Android (android.graphics.Color)	4293645282 (0xFFEBD3E2)
YUV	219.8860, 3.0142, 13.2550
Hunter-Lab	83.6698, 6.2148, 0.4915

Details

The CIELCh color **87, 11.706, 338.210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 11.614, 156.751**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 12.057, 337.179** is the 20% darker color. If you saturate the color by 10%, you get **81, 23.347, 339.032**, and if you desaturate by 10%, it is **93, 0.233, 335.749**.

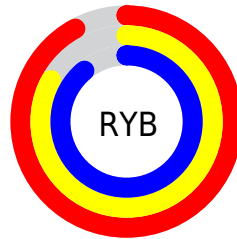
Distribution



Red (92%)

Green (83%)

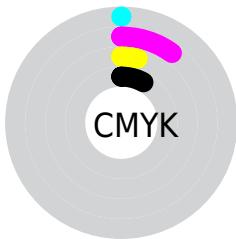
Blue (89%)



Red (92%)

Yellow (83%)

Blue (89%)

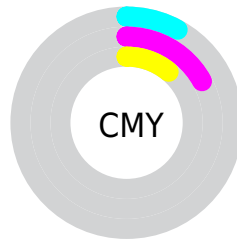


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (8%)



Cyan (8%)


Magenta (17%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 11.706, 338.210 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 87, 11.706, 338.210 by changing the saturation by 10% instead.


 87, 11.706,
338.210


 87, 11.706,
338.210


 100, 11.706,
338.210


 77, 11.706,
338.210

 67, 11.706,
338.210

 57, 11.706,
338.210

 47, 11.706,
338.210

 37, 11.706,
338.210

 27, 11.706,
338.210

 17, 11.706,

338.210

■ 7, 11.706, 338.210

■ 0, 11.706, 338.210

■ 87, 11.706,
338.210

■ 87, 11.706,
338.210

■ 81, 23.347,
339.032

■ 93, 0.233, 335.749

■ 75, 34.987,
339.912

■ 98, 8.901, 160.038

■ 70, 46.350,
340.879

■ 99, 6.857, 189.881

■ 65, 57.042,
341.962

■ 99, 6.725, 199.078

■ 61, 66.548,

343.204

■ 57, 74.278,
344.669

■ 54, 79.685,
346.445

■ 53, 82.461,
348.645

■ 52, 82.988,
351.268

Harmonies

Complementary

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



87, 11.706, 338.210



91, 11.614, 156.751

Rectangle

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



87, 11.706, 338.210



87, 11.706, 28.210



87, 11.706, 158.210



87, 11.706, 208.210

Sweetspot

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



87, 11.703, 338.213



98, 3.652, 337.590



86, 13.028, 304.824



52, 2.770, 337.674



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 11.703, 338.213



92, 14.718, 338.362



87, 8.968, 9.306



46, 6.498, 338.154



40, 68.394, 350.740



8, 30.192, 346.371

Inverse Universe

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



87, 11.703, 338.213



92, 14.718, 338.362



91, 8.543, 187.689



46, 6.498, 338.154



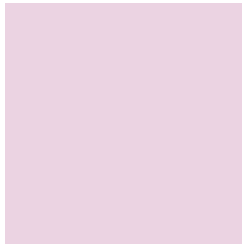
40, 68.394, 350.740



8, 30.192, 346.371

Previews

White Background



This preview shows how the CIELCh color 87, 11.706, 338.210 looks on a white background.

Color Contrast Check

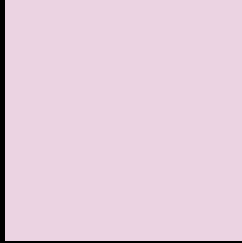
Large Text (above 18pt) WCAG AA × Fail

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 87, 11.706, 338.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

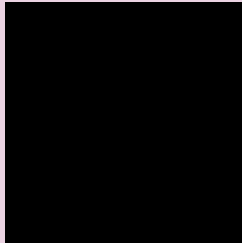
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 11.706, 338.210

Background



This preview shows how black text looks on a background with the CIELCh color 87, 11.706, 338.210.

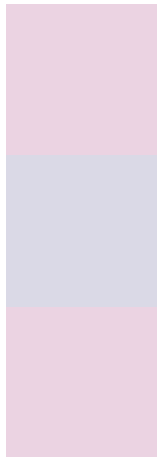


This preview shows how white text looks on a background with the CIELCh color 87, 11.706, 338.210.

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
87, 11.706, 338.210

Protanopia
87, 6.826, 293.703

Deuteranopia
87, 11.706, 338.210



Tritanopia
87, 12.673, 335.819

Trichromacy



Original Color
87, 11.706, 338.210

Protanomaly
87, 8.039, 314.127

Deuteranomaly
87, 11.706, 338.210

Tritanomaly
87, 12.318, 337.561

Monochromacy



Original Color
87, 11.706, 338.210

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.186, 340.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 11.706, 338.210 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(235, 211, 226)` looks like.

```
.text, #text, p{  
    color:rgb(235, 211, 226)  
}
```

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(235, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 211, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 11.706, 338.210 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(235, 211, 226) }
```

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

```
.border{ border-color:rgb(235, 211, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 211,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 11.706, 338.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 211, 226) }
```

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

```
.background{ background-color: rgb(235,  
211, 226) }
```

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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