

Converting Colors

CIELCh(87, 4.462, 341.912)

Have a look what the booklet for
CIELCh(87, 4.462, 341.912) contains.

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Color

CIELCh(87, 4.806, 338.879)

Conversions

Conversions Part 1

Format	Color
Hex	E1D7DD
RGB	225, 215, 221
RGB Percent	88%, 84%, 87%
CMY	0.1167, 0.1559, 0.1324
CMYK	0.00, 0.04, 0.02, 0.12
HSL	324°, 14%, 86%
HSV	324°, 4%, 88%
XYZ	68.5751, 70.0064, 78.4769
YIQ	218.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

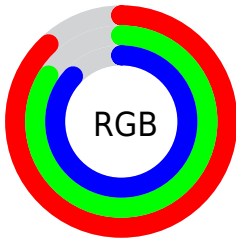
Format	Color
RYB	225, 215, 221
Decimal	14800861
CIELab	87.00, 4.48, -1.73
CIElCh	87, 4.806, 338.879
Yxy	70.0064, 0.3159, 0.3225
Android (android.graphics.Color)	4292990941 (0xFFE1D7DD)
YUV	218.6740, 1.1467, 5.5479
Hunter-Lab	83.6698, -0.1250, 2.9587

Details

The CIELCh color $87, 4.806, 338.879$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 4.773, 158.391$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 5.070, 339.000$ is the 20% darker color. If you saturate the color by 10%, you get $81, 15.768, 339.731$, and if you desaturate by 10%, it is $93, 5.923, 158.313$.

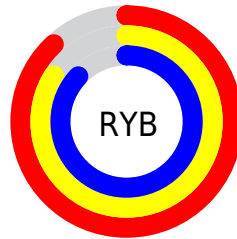
Distribution



Red (88%)

Green (84%)

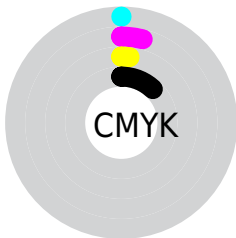
Blue (87%)



Red (88%)

Yellow (84%)

Blue (87%)

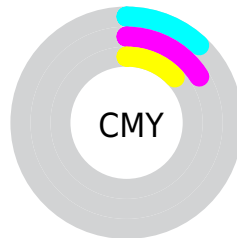


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 4.806, 338.879 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, 4.806, 338.879 by changing the saturation by 10% instead.

■ 87, 4.806, 338.879

■ 87, 4.806, 338.879

■ 100, 4.806,
338.879

■ 77, 4.806, 338.879

■ 67, 4.806, 338.879

■ 57, 4.806, 338.879

■ 47, 4.806, 338.879

■ 37, 4.806, 338.879

■ 27, 4.806, 338.879

■ 17, 4.806, 338.879

■ 7, 4.806, 338.879

■ 0, 4.806, 338.879

87, 4.806, 338.879

87, 4.806, 338.879

81, 15.768,
339.731

93, 5.923, 158.313

76, 26.847,
340.599

98, 13.206,
161.205

70, 37.843,
341.548

98, 10.831,
180.300

65, 48.451,
342.608

98, 10.090,
198.834

61, 58.248,
343.817

57, 66.707,
345.234

53, 73.262,
346.940

51, 77.461,
349.047

■ 50, 79.170,
351.682

Harmonies

Complementary

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



87, 4.806, 338.879



89, 4.773, 158.391

Rectangle

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



87, 4.806, 338.879



87, 4.806, 28.879



87, 4.806, 158.879



87, 4.806, 208.879

Sweetspot

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



87, 4.804, 338.886



99, 1.198, 338.343



87, 5.455, 305.703



53, 0.682, 338.320



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, 4.804, 338.886



97, 5.987, 338.941



87, 3.672, 11.347



45, 3.679, 338.997



38, 66.197, 352.788



7, 27.691, 347.603

Inverse Universe

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



87, 4.804, 338.886



97, 5.987, 338.941



89, 3.587, 190.969



45, 3.679, 338.997



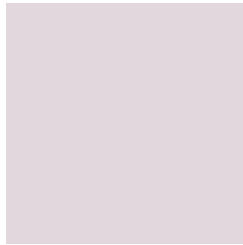
38, 66.197, 352.788



7, 27.691, 347.603

Previews

White Background



This preview shows how the CIELCh color 87, 4.806, 338.879 looks on a white background.

Color Contrast Check

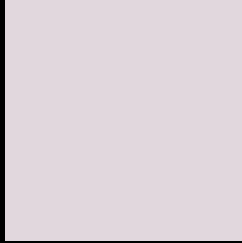
Large Text (above 18pt) WCAG AA × Fail

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, 4.806, 338.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

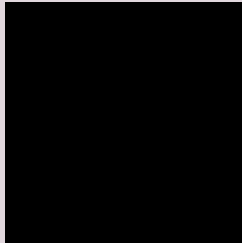
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

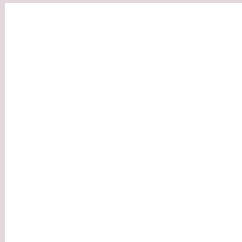
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 4.806, 338.879

Background



This preview shows how black text looks on a background with the CIELCh color 87, 4.806, 338.879.

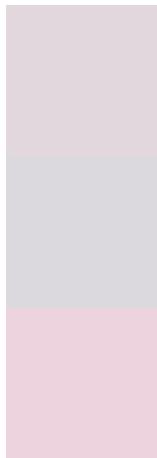


This preview shows how white text looks on a background with the CIELCh color 87, 4.806, 338.879.

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, 4.806, 338.879

Protanopia

87, 2.849, 312.519

Deuteranopia

87, 11.066, 348.967



Tritanopia
87, 10.076, 318.040

Trichromacy



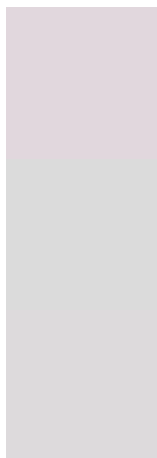
Original Color
87, 4.806, 338.879

Protanomaly
87, 3.834, 324.517

Deuteranomaly
87, 8.657, 347.133

Tritanomaly
87, 8.087, 322.612

Monochromacy



Original Color
87, 4.806, 338.879

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 1.518, 335.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 4.806, 338.879 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(225, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(225, 215, 221)  
}
```

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(225, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 215, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 4.806, 338.879 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(225, 215, 221) }
```

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

```
.border{ border-color:rgb(225, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(225, 215,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 4.806, 338.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 215, 221) }
```

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

```
.background{ background-color: rgb(225,  
215, 221) }
```

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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