

Converting Colors

CIELCh(87, 3.999, 355.066)

Have a look what the booklet for
CIELCh(87, 3.999, 355.066) contains.

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Color

CIELCh(87, 4.196, 349.695)

Conversions

Conversions Part 1

Format	Color
Hex	E1D7DB
RGB	225, 215, 219
RGB Percent	88%, 84%, 86%
CMY	0.1161, 0.1553, 0.1396
CMYK	0.00, 0.04, 0.03, 0.12
HSL	336°, 14%, 86%
HSV	336°, 4%, 88%
XYZ	68.4125, 70.0064, 77.1957
YIQ	218.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

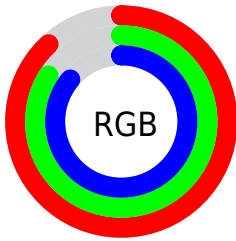
Format	Color
R _Y B	225, 215, 219
Decimal	14800859
CIE Lab	87.00, 4.13, -0.75
CIE LCh	87, 4.196, 349.695
Yxy	70.0064, 0.3173, 0.3247
Android (android.graphics.Color)	4292990939 (0xFFE1D7DB)
YUV	218.4460, 0.2731, 5.7479
Hunter-Lab	83.6698, -0.4720, 3.8666

Details

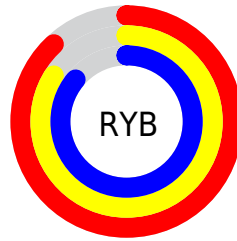
The CIELCh color $87, 4.196, 349.695$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 4.147, 169.156$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 4.430, 349.842$ is the 20% darker color. If you saturate the color by 10%, you get $81, 13.857, 350.751$, and if you desaturate by 10%, it is $93, 5.149, 169.061$.

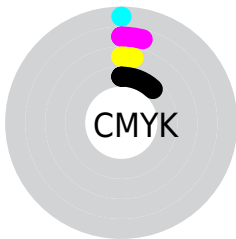
Distribution



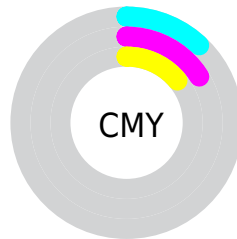
- Red (88%)
- Green (84%)
- Blue (86%)



- Red (88%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 4.196, 349.695 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, 4.196, 349.695 by changing the saturation by 10% instead.



87, 4.196, 349.695

87, 4.196, 349.695

81, 13.857,
350.751

93, 5.149, 169.061

75, 23.758,
351.860

98, 11.160,
175.709

70, 33.744,
353.133

98, 10.042,
198.837

65, 43.567,
354.634

60, 52.863,
356.447

56, 61.168,
358.691

52, 67.987, 1.521

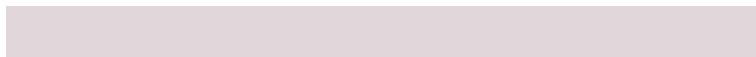
50, 72.959, 5.120

■ 49, 76.076, 9.636

Harmonies

Complementary

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



87, 4.196, 349.695



89, 4.147, 169.156

Rectangle

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



87, 4.196, 349.695



87, 4.196, 39.695



87, 4.196, 169.695



87, 4.196, 219.695

Sweetspot

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



87, 4.194, 349.709



99, 1.044, 349.011



87, 5.689, 312.638



53, 0.594, 348.980



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, 4.194, 349.709



97, 5.228, 349.777



87, 3.307, 28.528



45, 3.215, 349.846



37, 64.184, 11.488



6, 25.688, 1.756

Inverse Universe

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



87, 4.194, 349.709



97, 5.228, 349.777



89, 3.216, 208.708



45, 3.215, 349.846



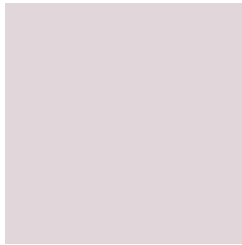
37, 64.184, 11.488



6, 25.688, 1.756

Previews

White Background



This preview shows how the CIELCh color 87, 4.196, 349.695 looks on a white background.

Color Contrast Check

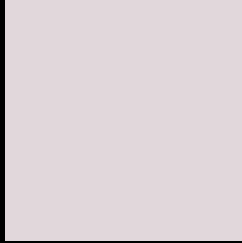
Large Text (above 18pt) WCAG AA × Fail

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, 4.196, 349.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

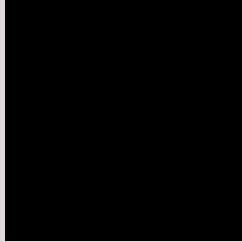
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

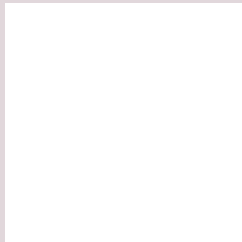
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 4.196, 349.695

Background



This preview shows how black text looks on a background with the CIELCh color 87, 4.196, 349.695.

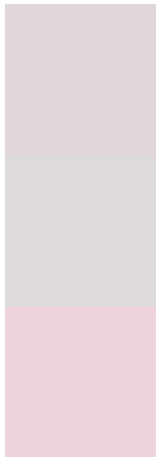


This preview shows how white text looks on a background with the CIELCh color 87, 4.196, 349.695.

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, 4.196, 349.695

Protanopia

87, 2.148, 332.294

Deuteranopia

87, 10.913, 354.733



Tritanopia
87, 9.616, 319.470

Trichromacy



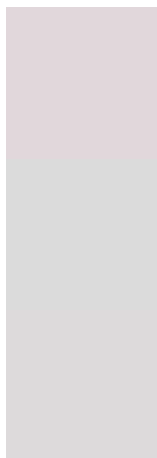
Original Color
87, 4.196, 349.695

Protanomaly
87, 3.299, 340.108

Deuteranomaly
87, 8.149, 353.330

Tritanomaly
87, 7.011, 324.669

Monochromacy



Original Color
87, 4.196, 349.695

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 1.210, 353.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 4.196, 349.695 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(225, 215, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 215, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 4.196, 349.695 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, 219) }
```

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

```
.border{ border-color:rgb(225, 215, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(225, 215,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 4.196, 349.695 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, 219) }
```

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

```
.background{ background-color: rgb(225,  
215, 219) }
```

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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