

Converting Colors

CIE LCh(87, 8.222, 355.346)

Have a look what the booklet for
CIELCh(87, 8.222, 355.346) contains.

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Color

CIELCh(87, 7.935, 356.709)

Conversions

Conversions Part 1

Format	Color
Hex	E9D5DB
RGB	233, 213, 219
RGB Percent	91%, 84%, 86%
CMY	0.0864, 0.1648, 0.1413
CMYK	0.00, 0.09, 0.06, 0.09
HSL	342°, 31%, 87%
HSV	342°, 9%, 91%
XYZ	70.1648, 70.0064, 76.8131
YIQ	219.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

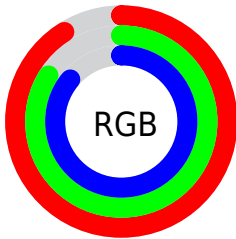
Format	Color
R _Y B	233, 213, 219
Decimal	15324635
CIE Lab	87.00, 7.92, -0.46
CIE LCh	87, 7.935, 356.709
Yxy	70.0064, 0.3234, 0.3226
Android (android.graphics.Color)	4293514715 (0xFFE9D5DB)
YUV	219.6640, -0.3274, 11.6957
Hunter-Lab	83.6698, 3.2663, 4.1376

Details

The CIELCh color **87, 7.935, 356.709** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 7.736, 175.245**, 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, 8.031, 355.834** is the 20% darker color. If you saturate the color by 10%, you get **81, 17.518, 357.836**, and if you desaturate by 10%, it is **93, 1.275, 176.266**.

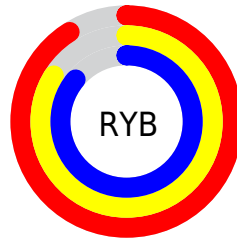
Distribution



Red (91%)

Green (84%)

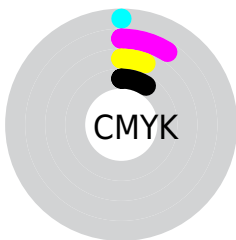
Blue (86%)



Red (91%)

Yellow (84%)

Blue (86%)

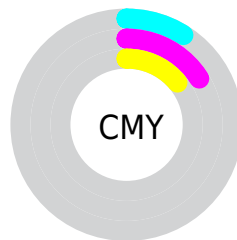


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 7.935, 356.709 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, 7.935, 356.709 by changing the saturation by 10% instead.

 87, 7.935, 356.709

 87, 7.935, 356.709

 100, 7.935,
356.709

 77, 7.935, 356.709

 67, 7.935, 356.709

 57, 7.935, 356.709

 47, 7.935, 356.709

 37, 7.935, 356.709

 27, 7.935, 356.709

 17, 7.935, 356.709

 7, 7.935, 356.709

 0, 7.935, 356.709

87, 7.935, 356.709

87, 7.935, 356.709

81, 17.518,
357.836

93, 1.275, 176.266

75, 27.396,
359.111

98, 7.801, 186.120

98, 7.530, 199.017

69, 37.402, 0.622

64, 47.272, 2.460

60, 56.629, 4.744

56, 65.021, 7.629

53, 72.034, 11.291

50, 77.491, 15.869

49, 81.714, 21.286

Harmonies

Complementary

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



87, 7.935, 356.709



91, 7.736, 175.245

Rectangle

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



87, 7.935, 356.709



87, 7.935, 46.709



87, 7.935, 176.709



87, 7.935, 226.709

Sweetspot

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



87, 7.933, 356.718



98, 2.951, 356.053



87, 11.642, 316.076



52, 2.240, 356.169



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, 7.933, 356.718



93, 9.975, 356.877



88, 6.222, 39.216



46, 5.290, 356.815



38, 67.776, 21.032



7, 27.799, 9.372

Inverse Universe

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



87, 7.933, 356.718



93, 9.975, 356.877



90, 5.900, 219.821



46, 5.290, 356.815



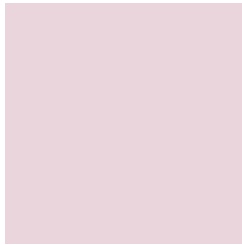
38, 67.776, 21.032



7, 27.799, 9.372

Previews

White Background



This preview shows how the CIELCh color 87, 7.935, 356.709 looks on a white background.

Color Contrast Check

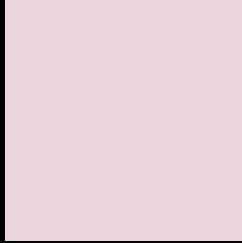
Large Text (above 18pt) WCAG AA × Fail

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 87, 7.935, 356.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

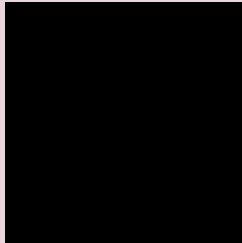
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 7.935, 356.709

Background



This preview shows how black text looks on a background with the CIELCh color 87, 7.935, 356.709.

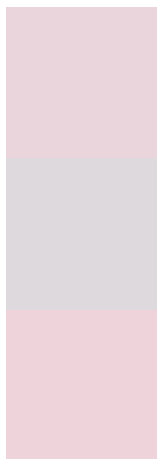


This preview shows how white text looks on a background with the CIELCh color 87, 7.935, 356.709.

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, 7.935, 356.709

Protanopia

87, 2.559, 324.433

Deuteranopia

87, 10.711, 357.268



Tritanopia
87, 11.543, 333.803

Trichromacy



Original Color
87, 7.935, 356.709

Protanomaly
87, 3.883, 346.981

Deuteranomaly
87, 9.491, 357.463

Tritanomaly
87, 10.477, 339.741

Monochromacy



Original Color
87, 7.935, 356.709

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 3.301, 351.148

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 7.935, 356.709 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(233, 213, 219)` looks like.

```
.text, #text, p{  
    color:rgb(233, 213, 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(233, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 7.935, 356.709 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(233, 213, 219) }
```

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

```
.border{ border-color:rgb(233, 213, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 7.935, 356.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 219) }
```

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

```
.background{ background-color: rgb(233,  
213, 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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