

Converting Colors

CIELCh(87, 8.265, 358.658)

Have a look what the booklet for
CIELCh(87, 8.265, 358.658) contains.

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Color

CIELCh(87, 8.099, 1.178)

Conversions

Conversions Part 1

Format	Color
Hex	EAD5DA
RGB	234, 213, 218
RGB Percent	92%, 84%, 85%
CMY	0.0831, 0.1654, 0.1458
CMYK	0.00, 0.09, 0.07, 0.08
HSL	346°, 33%, 88%
HSV	346°, 9%, 92%
XYZ	70.2465, 70.0064, 76.0109
YIQ	219.8490, 10.9110, 6.0070

Conversions

Conversions Part 2

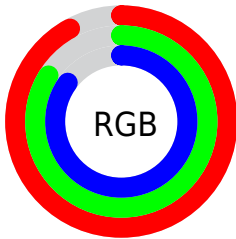
Format	Color
RYB	234, 213, 218
Decimal	15390170
CIELab	87.00, 8.10, 0.17
CIELCh	87, 8.099, 1.178
Yxy	70.0064, 0.3248, 0.3237
Android (android.graphics.Color)	4293580250 (0xFFEAD5DA)
YUV	219.8490, -0.9116, 12.4104
Hunter-Lab	83.6698, 3.4407, 4.7062

Details

The CIELCh color **87, 8.099, 1.178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 7.843, 179.651**, 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, 8.198, 0.534** is the 20% darker color. If you saturate the color by 10%, you get **81, 17.519, 2.325**, and if you desaturate by 10%, it is **93, 0.893, 180.941**.

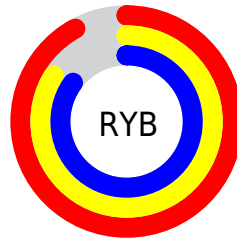
Distribution



Red (92%)

Green (84%)

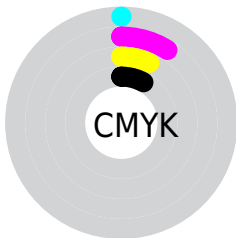
Blue (85%)



Red (92%)

Yellow (84%)

Blue (85%)

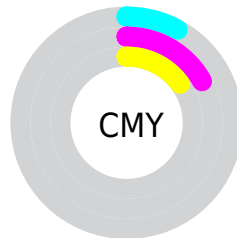


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (8%)



Cyan (8%)

Magenta (17%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 8.099, 1.178 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, 8.099, 1.178 by changing the saturation by 10% instead.

87, 8.099, 1.178

87, 8.099, 1.178

100, 8.099, 1.178

77, 8.099, 1.178

67, 8.099, 1.178

57, 8.099, 1.178

47, 8.099, 1.178

37, 8.099, 1.178

27, 8.099, 1.178

17, 8.099, 1.178

7, 8.099, 1.178

0, 8.099, 1.178

87, 8.099, 1.178

87, 8.099, 1.178

81, 17.519, 2.325

93, 0.893, 180.941

75, 27.305, 3.640

98, 7.327, 192.818

69, 37.310, 5.221

99, 7.250, 199.038

64, 47.290, 7.166

59, 56.897, 9.606

55, 65.709, 12.700

52, 73.357, 16.606

50, 79.694, 21.403

49, 85.012, 26.857

Harmonies

Complementary

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



87, 8.099, 1.178



91, 7.843, 179.651

Rectangle

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



87, 8.099, 1.178



87, 8.099, 51.178



87, 8.099, 181.178



87, 8.099, 231.178

Sweetspot

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



87, 8.097, 1.188



98, 2.863, 0.469



87, 12.383, 317.661



52, 2.174, 0.589



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, 8.097, 1.188



93, 10.696, 1.416



88, 6.387, 44.941



46, 5.143, 1.242



38, 70.106, 26.379



7, 27.846, 12.682

Inverse Universe

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



87, 8.097, 1.188



93, 10.696, 1.416



90, 6.059, 225.983



46, 5.143, 1.242



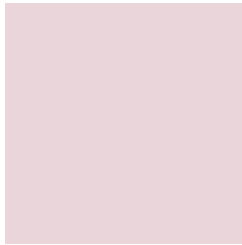
38, 70.106, 26.379



7, 27.846, 12.682

Previews

White Background



This preview shows how the CIELCh color 87, 8.099, 1.178 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, 8.099, 1.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

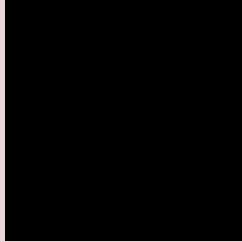
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

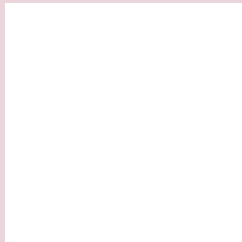
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 8.099, 1.178

Background



This preview shows how black text looks on a background with the CIELCh color 87, 8.099, 1.178.



This preview shows how white text looks on a background with the CIELCh color 87, 8.099, 1.178.

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, 8.099, 1.178

Protanopia

87, 2.148, 332.294

Deuteranopia

87, 10.879, 0.610



Tritanopia
87, 12.420, 334.618

Trichromacy



Original Color

87, 8.099, 1.178

Protanomaly

87, 4.514, 352.036

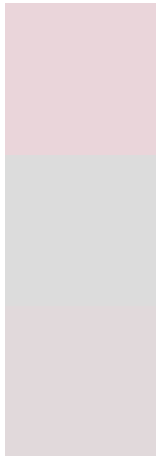
Deuteranomaly

87, 9.662, 1.212

Tritanomaly

87, 10.438, 343.263

Monochromacy



Original Color

87, 8.099, 1.178

Achromatopsia

88, 0.010, 296.813

Achromatomaly

87, 3.086, 359.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 8.099, 1.178 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(234, 213, 218)` looks like.

```
.text, #text, p{  
    color:rgb(234, 213, 218)  
}
```

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(234, 213, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 213, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 8.099, 1.178 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(234, 213, 218) }
```

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

```
.border{ border-color:rgb(234, 213, 218) }
```

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

Here you see how a box with a 4 pixel rgb(234, 213, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 213, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 213, 218);  
box-shadow:4px 4px 4px 4px rgb(234, 213,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 8.099, 1.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 213, 218) }
```

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

```
.background{ background-color: rgb(234,  
213, 218) }
```

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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