

Converting Colors

CIELCh(87, 5.765, 17.591)

Have a look what the booklet for
CIELCh(87, 5.765, 17.591) contains.

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Color

CIELCh(87, 5.869, 14.646)

Conversions

Conversions Part 1

Format	Color
Hex	E6D6D7
RGB	230, 214, 215
RGB Percent	90%, 84%, 84%
CMY	0.0970, 0.1598, 0.1559
CMYK	0.00, 0.07, 0.07, 0.10
HSL	356°, 24%, 87%
HSV	356°, 7%, 90%
XYZ	69.1249, 70.0064, 74.3301
YIQ	218.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

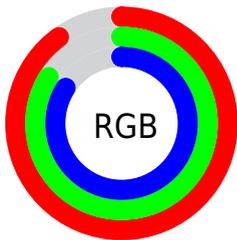
Format	Color
R _Y B	230, 214, 215
Decimal	15128279
CIE Lab	87.00, 5.68, 1.48
CIE LCh	87, 5.869, 14.646
Yxy	70.0064, 0.3238, 0.3280
Android (android.graphics.Color)	4293318359 (0xFFE6D6D7)
YUV	218.8980, -1.9217, 9.7365
Hunter-Lab	83.6698, 1.0478, 5.8972

Details

The CIELCh color **87, 5.869, 14.646** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 5.643, 193.859**, 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, 5.830, 14.452** is the 20% darker color. If you saturate the color by 10%, you get **81, 14.827, 15.626**, and if you desaturate by 10%, it is **93, 2.482, 194.279**.

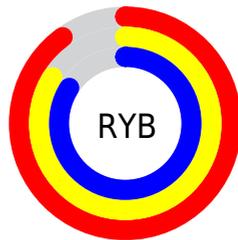
Distribution



Red (90%)

Green (84%)

Blue (84%)



Red (90%)

Yellow (84%)

Blue (84%)

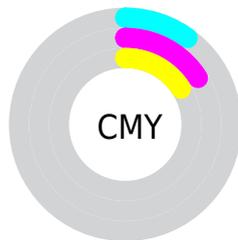


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 5.869, 14.646 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, 5.869, 14.646 by changing the saturation by 10% instead.



87, 5.869, 14.646

87, 5.869, 14.646

81, 14.827, 15.626

93, 2.482, 194.279

75, 24.396, 16.765

98, 8.435, 198.951

69, 34.517, 18.195

64, 45.051, 20.021

59, 55.757, 22.366

55, 66.306, 25.349

52, 76.318, 29.019

49, 85.354, 33.193

48, 92.596, 37.167

Harmonies

Complementary

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



87, 5.869, 14.646



90, 5.643, 193.859

Rectangle

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



87, 5.869, 14.646



87, 5.869, 64.646



87, 5.869, 194.646



87, 5.869, 244.646

Sweetspot

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



87, 5.867, 14.665



99, 1.804, 14.027



87, 9.965, 322.967



53, 1.025, 14.000



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, 5.867, 14.665



95, 7.366, 14.769



89, 4.875, 67.011



45, 4.826, 14.900



37, 77.387, 37.469



6, 26.912, 19.188

Inverse Universe

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



87, 5.867, 14.665



95, 7.366, 14.769



88, 4.768, 248.784



45, 4.826, 14.900



37, 77.387, 37.469



6, 26.912, 19.188

Previews

White Background



This preview shows how the CIELCh color 87, 5.869, 14.646 looks on a white background.

Color Contrast Check

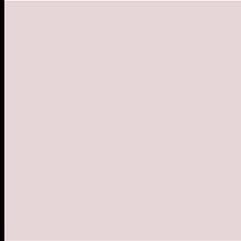
Large Text (above 18pt) WCAG AA × Fail

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, 5.869, 14.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

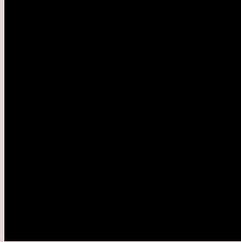
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 5.869, 14.646

Background



This preview shows how black text looks on a background with the CIELCh color 87, 5.869, 14.646.



This preview shows how white text looks on a background with the CIELCh color 87, 5.869, 14.646.

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, 5.869, 14.646

Protanopia

87, 1.808, 19.211

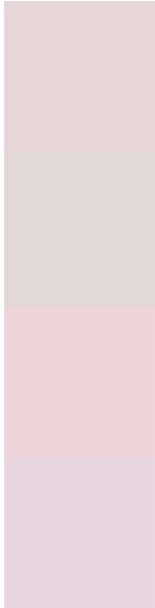
Deuteranopia

87, 10.965, 6.467



Tritanopia
87, 11.462, 329.330

Trichromacy



Original Color
87, 5.869, 14.646

Protanomaly
87, 3.267, 19.463

Deuteranomaly
87, 9.039, 6.703

Tritanomaly
87, 8.702, 338.652

Monochromacy



Original Color
87, 5.869, 14.646

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.237, 5.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 5.869, 14.646 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(230, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 215)  
}
```

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(230, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 5.869, 14.646 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(230, 214, 215) }
```

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

```
.border{ border-color:rgb(230, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 5.869, 14.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 215) }
```

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

```
.background{ background-color: rgb(230,  
214, 215) }
```

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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