

Converting Colors

CIELCh(88, 5.847, 14.635)

Have a look what the booklet for
CIELCh(88, 5.847, 14.635) contains.

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Color

CIELCh(88, 5.853, 14.638)

Conversions

Conversions Part 1

Format	Color
Hex	E9D9DA
RGB	233, 217, 218
RGB Percent	91%, 85%, 85%
CMY	0.0860, 0.1487, 0.1448
CMYK	0.00, 0.07, 0.06, 0.09
HSL	356°, 27%, 88%
HSV	356°, 7%, 91%
XYZ	71.1247, 72.0653, 76.5410
YIQ	221.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

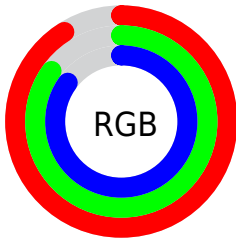
Format	Color
R _Y B	233, 217, 218
Decimal	15325658
CIE Lab	88.00, 5.66, 1.48
CIE LCh	88, 5.853, 14.638
Yxy	72.0653, 0.3237, 0.3280
Android (android.graphics.Color)	4293515738 (0xFFE9D9DA)
YUV	221.8980, -1.9217, 9.7365
Hunter-Lab	84.8913, 0.9935, 5.9659

Details

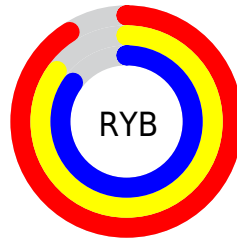
The CIELCh color **88, 5.853, 14.638** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 5.630, 193.866**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 5.809, 14.439** is the 20% darker color. If you saturate the color by 10%, you get **82, 14.895, 15.619**, and if you desaturate by 10%, it is **94, 2.576, 194.267**.

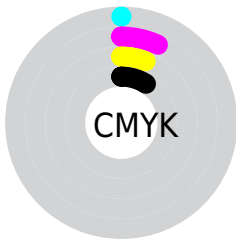
Distribution



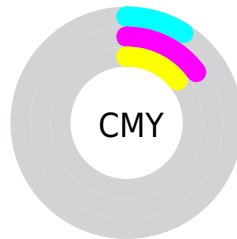
- Red (91%)
- Green (85%)
- Blue (85%)



- Red (91%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 5.853, 14.638 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 88, 5.853, 14.638 by changing the saturation by 10% instead.



88, 5.853, 14.638

88, 5.853, 14.638

82, 14.895, 15.619

94, 2.576, 194.267

76, 24.555, 16.757

98, 7.496, 199.019

70, 34.773, 18.186

64, 45.410, 20.010

60, 56.222, 22.354

55, 66.876, 25.336

52, 76.990, 29.007

50, 86.120, 33.182

49, 93.436, 37.162

Harmonies

Complementary

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



88, 5.853, 14.638



91, 5.630, 193.866

Rectangle

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



88, 5.853, 14.638



88, 5.853, 64.638



88, 5.853, 194.638



88, 5.853, 244.638

Sweetspot

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



88, 5.851, 14.657



99, 1.804, 14.027



88, 9.940, 322.963



53, 1.025, 14.000



0, 0.000, 0.000



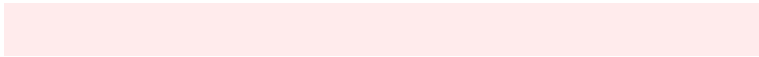
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 5.851, 14.657



95, 7.366, 14.768



90, 4.862, 67.018



46, 4.914, 14.902



38, 78.244, 37.508



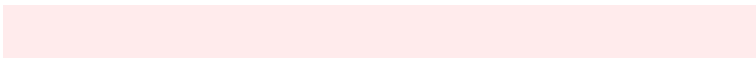
7, 28.282, 20.181

Inverse Universe

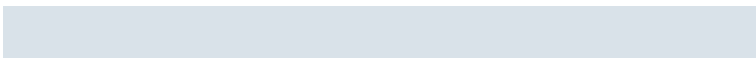
The Inverse Universe completely reimagines the original color for something new.



88, 5.851, 14.657



95, 7.366, 14.768



89, 4.757, 248.775



46, 4.914, 14.902



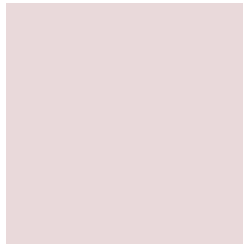
38, 78.244, 37.508



7, 28.282, 20.181

Previews

White Background



This preview shows how the CIELCh color 88, 5.853, 14.638 looks on a white background.

Color Contrast Check

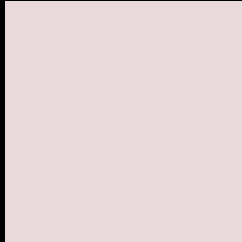
Large Text (above 18pt) WCAG AA × Fail

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 88, 5.853, 14.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

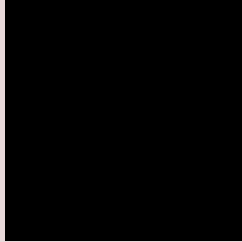
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

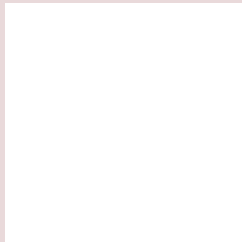
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 5.853, 14.638

Background



This preview shows how black text looks on a background with the CIELCh color 88, 5.853, 14.638.

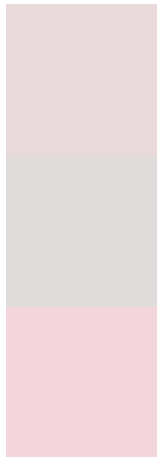


This preview shows how white text looks on a background with the CIELCh color 88, 5.853, 14.638.

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

88, 5.853, 14.638

Protanopia

88, 1.803, 19.205

Deuteranopia

88, 10.935, 6.451



Tritanopia
88, 11.433, 329.324

Trichromacy



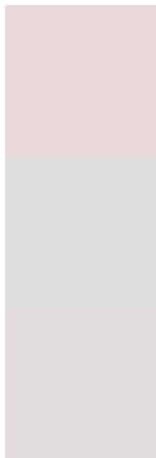
Original Color
88, 5.853, 14.638

Protanomaly
88, 3.258, 19.458

Deuteranomaly
88, 9.014, 6.690

Tritanomaly
88, 8.681, 338.644

Monochromacy



Original Color
88, 5.853, 14.638

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 2.231, 5.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 5.853, 14.638 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, 217, 218)` looks like.

```
.text, #text, p{  
    color:rgb(233, 217, 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(233, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 217, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 5.853, 14.638 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, 217, 218) }
```

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

```
.border{ border-color:rgb(233, 217, 218) }
```

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

Here you see how a box with a 4 pixel rgb(233, 217, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(233, 217,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 5.853, 14.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 217, 218) }
```

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

```
.background{ background-color: rgb(233,  
217, 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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