

Converting Colors

CIELCh(87, 10.060, 58.136)

Have a look what the booklet for
CIELCh(87, 10.060, 58.136) contains.

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Color

CIELCh(87, 10.060, 58.136)

Conversions

Conversions Part 1

Format	Color
Hex	EBD6CA
RGB	235, 214, 202
RGB Percent	92%, 84%, 79%
CMY	0.0785, 0.1608, 0.2079
CMYK	0.00, 0.09, 0.14, 0.08
HSL	22°, 45%, 86%
HSV	22°, 14%, 92%
XYZ	68.9555, 70.0064, 65.7439
YIQ	218.9110, 16.3680, 0.7200

Conversions

Conversions Part 2

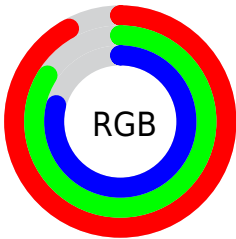
Format	Color
R _Y B	235, 221, 202
Decimal	15455946
CIE Lab	87.00, 5.31, 8.54
CIE LCh	87, 10.060, 58.136
Yxy	70.0064, 0.3369, 0.3420
Android (android.graphics.Color)	4293646026 (0xFFEBD6CA)
YUV	218.9110, -8.3371, 14.1101
Hunter-Lab	83.6698, 0.6864, 11.9815

Details

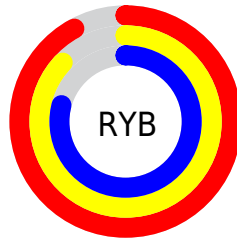
The CIELCh color **87, 10.060, 58.136** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 9.412, 241.007**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 10.042, 56.854** is the 20% darker color. If you saturate the color by 10%, you get **83, 17.833, 57.312**, and if you desaturate by 10%, it is **91, 2.797, 58.912**.

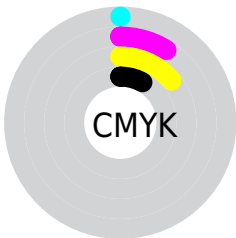
Distribution



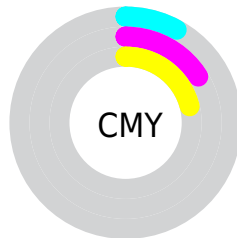
- Red (92%)
- Green (84%)
- Blue (79%)



- Red (92%)
- Yellow (87%)
- Blue (79%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (8%)



- Cyan (8%)
- Magenta (16%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 10.060, 58.136 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, 10.060, 58.136 by changing the saturation by 10% instead.

 87, 10.060, 58.136

 87, 10.060, 58.136

 100, 10.060,
58.136

 77, 10.060, 58.136

 67, 10.060, 58.136

 57, 10.060, 58.136

 47, 10.060, 58.136

 37, 10.060, 58.136

 27, 10.060, 58.136

 17, 10.060, 58.136

 7, 10.060, 58.136

 0, 10.060, 58.136

87, 10.060, 58.136

87, 10.060, 58.136

83, 17.833, 57.312

91, 2.797, 58.912

79, 26.160, 56.508

96, 4.006, 240.147

75, 35.068, 55.765

99, 6.857, 199.068

71, 44.543, 55.088

67, 54.488, 54.463

64, 64.633, 53.815

61, 74.358, 52.952

58, 82.458, 51.458

56, 86.288, 50.286

Harmonies

Complementary

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



87, 10.060, 58.136



88, 9.412, 241.007

Rectangle

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



87, 10.060, 58.136



87, 10.060, 108.136



87, 10.060, 238.136



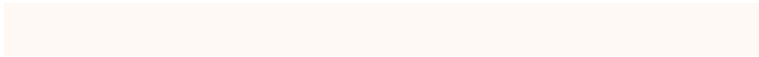
87, 10.060, 288.136

Sweetspot

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



87, 10.060, 58.152



98, 2.957, 58.913



85, 16.432, 337.386



52, 2.107, 58.875



0, 0.000, 0.000



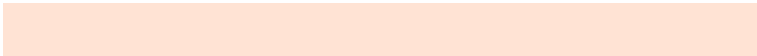
53, 0.007, 296.813

Same Dimension

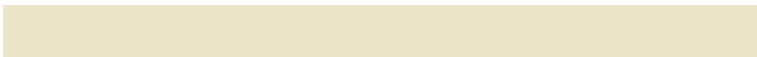
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 10.060, 58.152



92, 13.149, 57.896



91, 14.573, 101.696



47, 4.001, 58.532



44, 70.563, 50.913



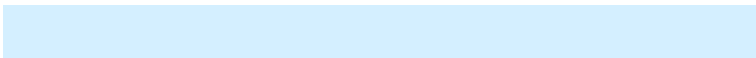
11, 22.854, 47.050

Inverse Universe

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



88, 9.412, 241.007



93, 12.108, 241.379



84, 14.879, 284.945



47, 3.833, 240.500



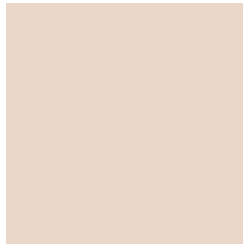
47, 42.366, 266.949



12, 16.483, 257.986

Previews

White Background



This preview shows how the CIELCh color 87, 10.060, 58.136 looks on a white background.

Color Contrast Check

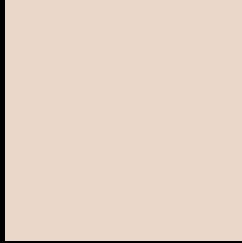
Large Text (above 18pt) WCAG AA × Fail

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, 10.060, 58.136 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, 10.060, 58.136

Background



This preview shows how black text looks on a background with the CIELCh color 87, 10.060, 58.136.

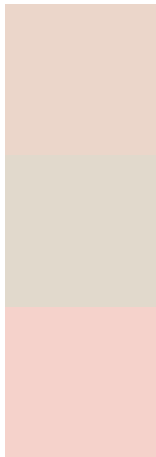


This preview shows how white text looks on a background with the CIELCh color 87, 10.060, 58.136.

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, 10.060, 58.136

Protanopia

87, 7.382, 85.907

Deuteranopia

87, 13.701, 35.657



Tritanopia
87, 13.473, 339.166

Trichromacy



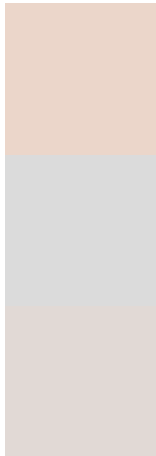
Original Color
87, 10.060, 58.136

Protanomaly
87, 8.318, 73.982

Deuteranomaly
87, 12.036, 40.322

Tritanomaly
87, 10.185, 359.139

Monochromacy



Original Color
87, 10.060, 58.136

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 3.570, 55.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 10.060, 58.136 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(235, 214, 202)` looks like.

```
.text, #text, p{  
    color:rgb(235, 214, 202)  
}
```

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(235, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 214, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 10.060, 58.136 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(235, 214, 202) }
```

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

```
.border{ border-color:rgb(235, 214, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 214, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(235, 214,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 10.060, 58.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 214, 202) }
```

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

```
.background{ background-color: rgb(235,  
214, 202) }
```

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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