

Converting Colors

CIELCh(82, 18.146, 56.264)

Have a look what the booklet for
CIELCh(82, 18.146, 56.264) contains.

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Color

CIELCh(82, 18.368, 57.058)

Conversions

Conversions Part 1

Format	Color
Hex	EAC5B0
RGB	234, 197, 176
RGB Percent	92%, 77%, 69%
CMY	0.0840, 0.2290, 0.3113
CMYK	0.00, 0.16, 0.25, 0.08
HSL	22°, 58%, 80%
HSV	22°, 25%, 92%
XYZ	61.4741, 60.2982, 49.2749
YIQ	205.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

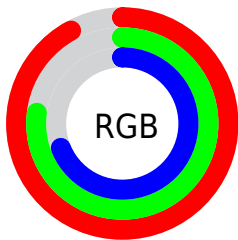
Format	Color
RYB	234, 209, 176
Decimal	15386032
CIELab	82.00, 9.99, 15.41
CIELCh	82, 18.368, 57.058
Yxy	60.2982, 0.3594, 0.3525
Android (android.graphics.Color)	4293576112 (0xFFEAC5B0)
YUV	205.6690, -14.6268, 24.8463
Hunter-Lab	77.6519, 5.4208, 16.7332

Details

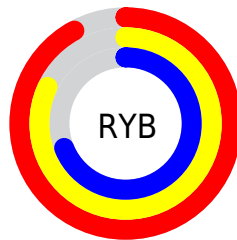
The CIELCh color **82, 18.368, 57.058** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83, 16.200, 242.247**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.146, 107.474**, and **62, 18.698, 56.784** is the 20% darker color. If you saturate the color by 10%, you get **78, 26.701, 56.276**, and if you desaturate by 10%, it is **86, 10.590, 57.899**.

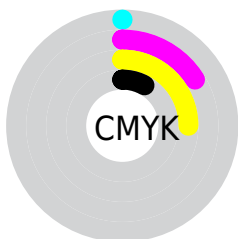
Distribution



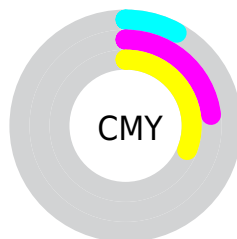
- Red (92%)
- Green (77%)
- Blue (69%)



- Red (92%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (8%)



- Cyan (8%)
- Magenta (23%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 18.368, 57.058 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 82, 18.368, 57.058 by changing the saturation by 10% instead.

 82, 18.368, 57.058

 82, 18.368, 57.058

 100, 18.368,
57.058

 72, 18.368, 57.058

 62, 18.368, 57.058

 52, 18.368, 57.058

 42, 18.368, 57.058

 32, 18.368, 57.058

 22, 18.368, 57.058

 12, 18.368, 57.058

 2, 18.368, 57.058

 0, 18.368, 57.058

82, 18.368, 57.058

82, 18.368, 57.058

78, 26.701, 56.276

86, 10.590, 57.899

74, 35.616, 55.546

90, 3.326, 58.678

70, 45.092, 54.884

95, 3.476, 239.897

66, 55.026, 54.272

98, 7.323, 199.032

63, 65.131, 53.631

60, 74.755, 52.753

57, 82.649, 51.204

56, 85.969, 50.205

Harmonies

Complementary

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



82, 18.368, 57.058



83, 16.200, 242.247

Rectangle

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



82, 18.368, 57.058



82, 18.368, 107.058



82, 18.368, 237.058



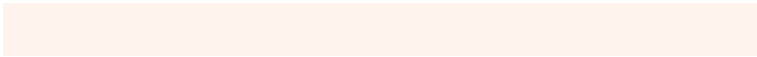
82, 18.368, 287.058

Sweetspot

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



82, 18.368, 57.067



97, 5.229, 58.530



78, 29.052, 338.261



51, 3.405, 58.484



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 18.368, 57.067



86, 24.293, 56.639



89, 25.659, 100.479



47, 4.000, 58.341



44, 70.625, 50.818



11, 22.869, 46.901

Inverse Universe

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



83, 16.200, 242.247



88, 20.777, 243.101



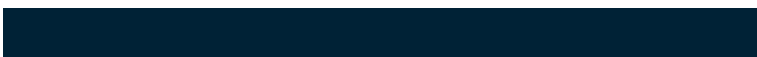
76, 26.642, 286.512



47, 3.831, 240.299



47, 42.236, 266.700



12, 16.446, 257.739

Previews

White Background



This preview shows how the CIELCh color 82, 18.368, 57.058 looks on a white background.

Color Contrast Check

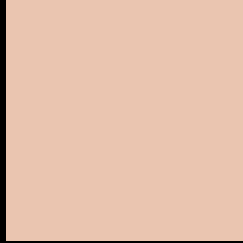
Large Text (above 18pt) WCAG AA × Fail

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 82, 18.368, 57.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

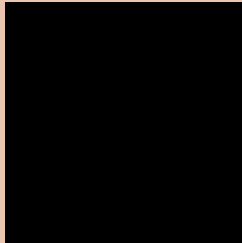
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 18.368, 57.058

Background



This preview shows how black text looks on a background with the CIELCh color 82, 18.368, 57.058.



This preview shows how white text looks on a background with the CIELCh color 82, 18.368, 57.058.

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

82, 18.368, 57.058

Protanopia

82, 13.720, 92.733

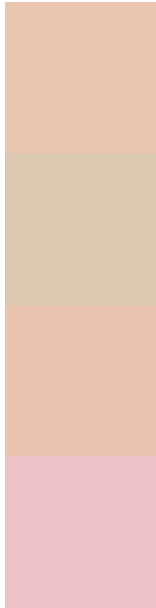
Deuteranopia

82, 18.376, 55.095



Tritanopia
82, 18.450, 355.585

Trichromacy



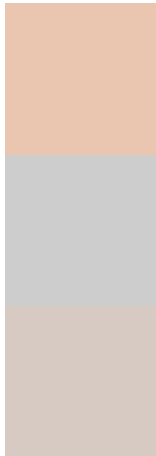
Original Color
82, 18.368, 57.058

Protanomaly
82, 14.424, 76.612

Deuteranomaly
82, 18.376, 55.095

Tritanomaly
82, 15.927, 16.875

Monochromacy



Original Color
82, 18.368, 57.058

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.431, 60.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 18.368, 57.058 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, 197, 176)` looks like.

```
.text, #text, p{  
    color:rgb(234, 197, 176)  
}
```

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, 197, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 197, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 18.368, 57.058 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, 197, 176) }
```

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

```
.border{ border-color:rgb(234, 197, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 197, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 197, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 197, 176);  
box-shadow:4px 4px 4px 4px rgb(234, 197,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 18.368, 57.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 197, 176) }
```

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

```
.background{ background-color: rgb(234,  
197, 176) }
```

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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