

Converting Colors

CIELCh(82, 18.195, 68.538)

Have a look what the booklet for
CIELCh(82, 18.195, 68.538) contains.

CIELCh(82, 18.176, 68.550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(82, 18.176, 68.550)

Conversions

Conversions Part 1

Format	Color
Hex	E5C7AD
RGB	229, 199, 173
RGB Percent	90%, 78%, 68%
CMY	0.1033, 0.2209, 0.3228
CMYK	0.00, 0.13, 0.24, 0.10
HSL	28°, 52%, 79%
HSV	28°, 24%, 90%
XYZ	60.0598, 60.2982, 47.8427
YIQ	205.0060, 26.2260, -1.7260

Conversions

Conversions Part 2

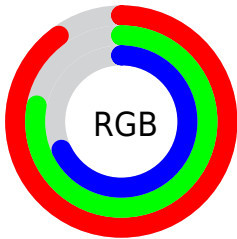
Format	Color
R _Y B	229, 222, 173
Decimal	15058861
CIE Lab	82.00, 6.65, 16.92
CIE LCh	82, 18.176, 68.550
Yxy	60.2982, 0.3571, 0.3585
Android (android.graphics.Color)	4293248941 (0xFFE5C7AD)
YUV	205.0060, -15.7790, 21.0427
Hunter-Lab	77.6519, 2.1699, 17.8267

Details

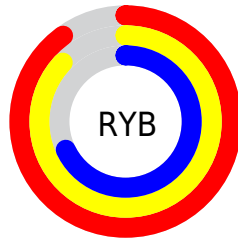
The CIELCh color **82, 18.176, 68.550** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80, 16.754, 255.039**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.663, 109.145**, and **62, 18.013, 67.660** is the 20% darker color. If you saturate the color by 10%, you get **79, 26.305, 67.382**, and if you desaturate by 10%, it is **86, 10.467, 69.727**.

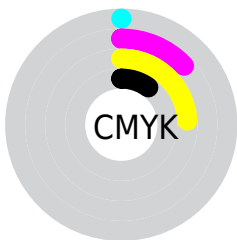
Distribution



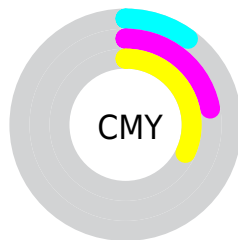
- Red (90%)
- Green (78%)
- Blue (68%)



- Red (90%)
- Yellow (87%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 18.176, 68.550 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, 18.176, 68.550 by changing the saturation by 10% instead.

 82, 18.176, 68.550

 82, 18.176, 68.550

 100, 18.176,
68.550

 72, 18.176, 68.550

 62, 18.176, 68.550

 52, 18.176, 68.550

 42, 18.176, 68.550

 32, 18.176, 68.550

 22, 18.176, 68.550

 12, 18.176, 68.550

 2, 18.176, 68.550

 0, 18.176, 68.550

82, 18.176, 68.550

82, 18.176, 68.550

79, 26.305, 67.382

86, 10.467, 69.727

75, 34.859, 66.207

89, 3.152, 70.807

72, 43.798, 65.032

93, 3.804, 252.220

69, 52.989, 63.827

96, 7.409, 229.701

66, 62.120, 62.514

98, 8.968, 198.913

63, 70.541, 60.907

60, 77.159, 58.657

59, 80.025, 57.193

Harmonies

Complementary

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



82, 18.176, 68.550



80, 16.754, 255.039

Rectangle

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



82, 18.176, 68.550



82, 18.176, 118.550



82, 18.176, 248.550



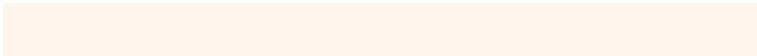
82, 18.176, 298.550

Sweetspot

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



82, 18.176, 68.559



97, 5.418, 70.558



76, 26.345, 343.139



52, 3.527, 70.493



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, 18.176, 68.559



89, 23.823, 68.007



89, 27.430, 105.618



46, 4.063, 70.296



47, 66.220, 57.857



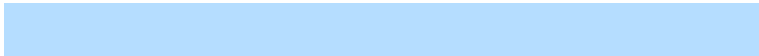
12, 20.963, 56.725

Inverse Universe

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



80, 16.754, 255.039



86, 21.574, 255.913



73, 28.894, 291.088



46, 3.952, 252.722



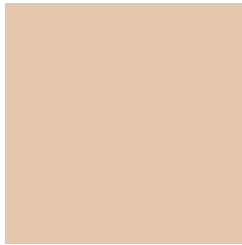
40, 51.298, 280.218



9, 18.613, 271.210

Previews

White Background



This preview shows how the CIELCh color 82, 18.176, 68.550 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, 18.176, 68.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

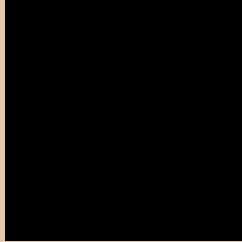
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 18.176, 68.550

Background



This preview shows how black text looks on a background with the CIELCh color 82, 18.176, 68.550.



This preview shows how white text looks on a background with the CIELCh color 82, 18.176, 68.550.

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, 18.176, 68.550

Protanopia

82, 15.759, 94.599

Deuteranopia

82, 19.734, 57.934



Tritanopia
82, 16.419, 351.957

Trichromacy



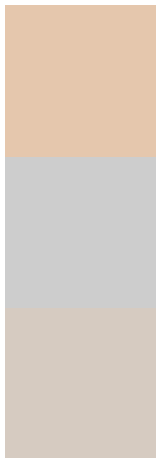
Original Color
82, 18.176, 68.550

Protanomaly
82, 16.201, 84.747

Deuteranomaly
82, 19.138, 61.271

Tritanomaly
82, 13.213, 20.402

Monochromacy



Original Color
82, 18.176, 68.550

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.681, 71.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 18.176, 68.550 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(229, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(229, 199, 173)  
}
```

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(229, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 199, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 18.176, 68.550 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(229, 199, 173) }
```

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

```
.border{ border-color:rgb(229, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(229, 199,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 18.176, 68.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 199, 173) }
```

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

```
.background{ background-color: rgb(229,  
199, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor