

Converting Colors

CIELCh(81, 16.807, 36.438)

Have a look what the booklet for
CIELCh(81, 16.807, 36.438) contains.

CIELCh(81, 16.618, 37.085)	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(81, 16.618, 37.085)

Conversions

Conversions Part 1

Format	Color
Hex	E9C0B7
RGB	233, 192, 183
RGB Percent	91%, 75%, 72%
CMY	0.0861, 0.2469, 0.2822
CMYK	0.00, 0.18, 0.21, 0.09
HSL	11°, 53%, 82%
HSV	11°, 21%, 91%
XYZ	61.0308, 58.4711, 52.8932
YIQ	203.2330, 27.3250, 5.8930

Conversions

Conversions Part 2

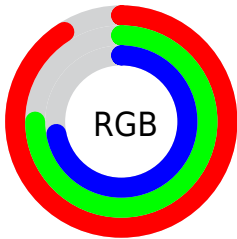
Format	Color
R _Y B	233, 194, 183
Decimal	15319223
CIE Lab	81.00, 13.26, 10.02
CIE LCh	81, 16.618, 37.085
Yxy	58.4711, 0.3540, 0.3392
Android (android.graphics.Color)	4293509303 (0xFFE9C0B7)
YUV	203.2330, -9.9749, 26.1057
Hunter-Lab	76.4664, 8.6516, 12.5145

Details

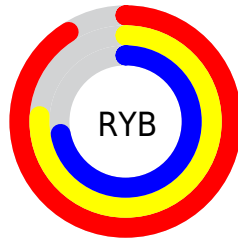
The CIELCh color **81, 16.618, 37.085** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 14.370, 217.828**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.196, 81.002**, and **61, 16.878, 36.183** is the 20% darker color. If you saturate the color by 10%, you get **76, 25.411, 37.290**, and if you desaturate by 10%, it is **86, 8.508, 37.026**.

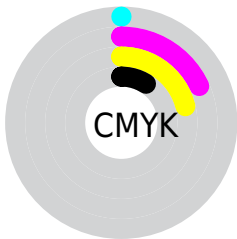
Distribution



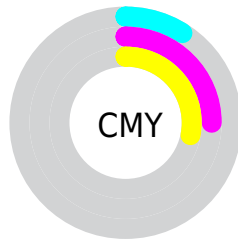
- Red (91%)
- Green (75%)
- Blue (72%)



- Red (91%)
- Yellow (76%)
- Blue (72%)



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (9%)



- Cyan (9%)
- Magenta (25%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 16.618, 37.085 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 81, 16.618, 37.085 by changing the saturation by 10% instead.

 81, 16.618, 37.085

 81, 16.618, 37.085

 100, 16.618,
37.085

 71, 16.618, 37.085

 61, 16.618, 37.085

 51, 16.618, 37.085

 41, 16.618, 37.085

 31, 16.618, 37.085

 21, 16.618, 37.085

 11, 16.618, 37.085

 1, 16.618, 37.085

 0, 16.618, 37.085

81, 16.618, 37.085

81, 16.618, 37.085

76, 25.411, 37.290

86, 8.508, 37.026

71, 34.916, 37.670

92, 1.036, 36.585

66, 45.112, 38.281

97, 5.859, 217.448

62, 55.904, 39.155

98, 7.505, 199.019

58, 67.059, 40.279

55, 78.060, 41.510

52, 87.748, 42.405

51, 93.883, 42.595

Harmonies

Complementary

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



81, 16.618, 37.085



87, 14.370, 217.828

Rectangle

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



81, 16.618, 37.085



81, 16.618, 87.085



81, 16.618, 217.085



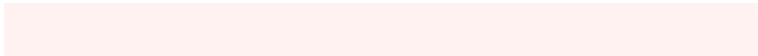
81, 16.618, 267.085

Sweetspot

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



81, 16.617, 37.094



97, 4.687, 36.989



80, 28.457, 330.707



51, 3.117, 36.998



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 16.617, 37.094



85, 22.092, 37.166



87, 18.526, 88.379



46, 4.207, 37.018



39, 77.320, 42.953



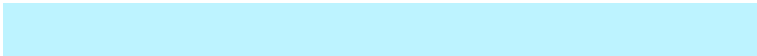
9, 25.218, 32.987

Inverse Universe

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



87, 14.370, 217.828



93, 18.436, 218.049



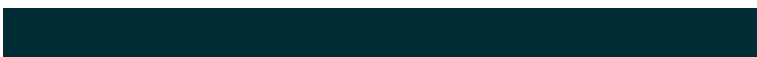
80, 18.438, 274.242



48, 3.962, 217.468



57, 33.730, 231.156



16, 14.425, 225.427

Previews

White Background



This preview shows how the CIELCh color 81, 16.618, 37.085 looks on a white background.

Color Contrast Check

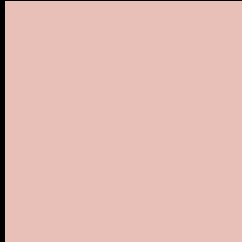
Large Text (above 18pt) WCAG AA × Fail

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 81, 16.618, 37.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

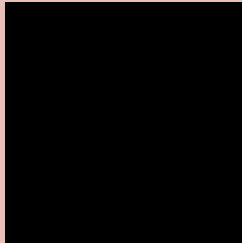
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 16.618, 37.085

Background



This preview shows how black text looks on a background with the CIELCh color 81, 16.618, 37.085.

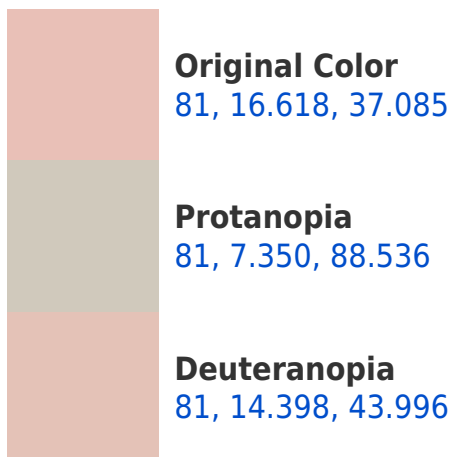


This preview shows how white text looks on a background with the CIELCh color 81, 16.618, 37.085.

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](#).

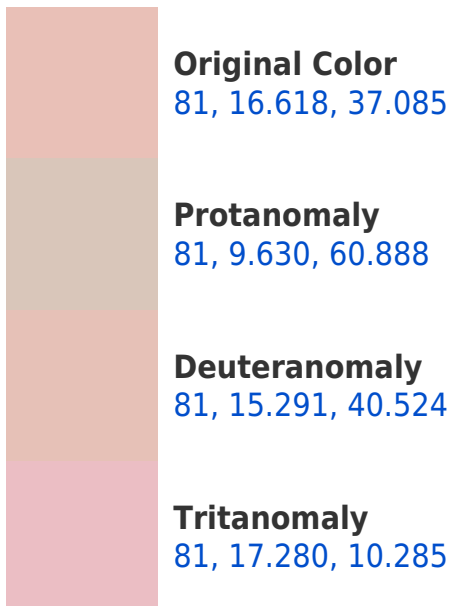
Dichromacy





Tritanopia
81, 19.185, 356.661

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 16.618, 37.085 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, 192, 183)` looks like.

```
.text, #text, p{  
    color:rgb(233, 192, 183)  
}
```

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, 192, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 192, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 16.618, 37.085 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, 192, 183) }
```

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

```
.border{ border-color:rgb(233, 192, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 192, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 192, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 192, 183);  
box-shadow:4px 4px 4px 4px rgb(233, 192,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 16.618, 37.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 192, 183) }
```

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

```
.background{ background-color: rgb(233,  
192, 183) }
```

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