

Converting Colors

CIELCh(84, 18.102, 62.059)

Have a look what the booklet for
CIELCh(84, 18.102, 62.059) contains.

CIELCh(84, 18.035, 61.831)	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(84, 18.035, 61.831)

Conversions

Conversions Part 1

Format	Color
Hex	EDCBB4
RGB	237, 203, 180
RGB Percent	93%, 80%, 71%
CMY	0.0703, 0.2036, 0.2938
CMYK	0.00, 0.14, 0.24, 0.07
HSL	24°, 61%, 82%
HSV	24°, 24%, 93%
XYZ	64.5726, 64.0658, 52.1840
YIQ	210.5440, 27.6470, 0.0550

Conversions

Conversions Part 2

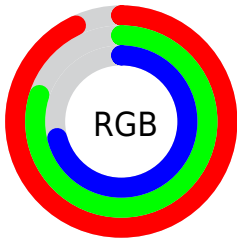
Format	Color
R _Y B	237, 219, 180
Decimal	15584180
CIE Lab	84.00, 8.51, 15.90
CIE LCh	84, 18.035, 61.831
Yxy	64.0658, 0.3571, 0.3543
Android (android.graphics.Color)	4293774260 (0xFFEDCBB4)
YUV	210.5440, -15.0582, 23.2019
Hunter-Lab	80.0411, 3.9317, 17.3738

Details

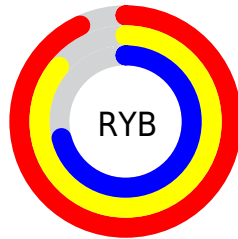
The CIELCh color **84, 18.035, 61.831** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84, 16.234, 247.514**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **64, 17.971, 62.637** is the 20% darker color. If you saturate the color by 10%, you get **80, 26.377, 60.864**, and if you desaturate by 10%, it is **88, 10.204, 62.833**.

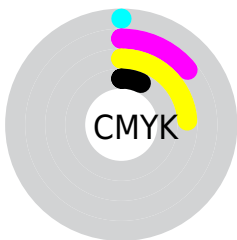
Distribution



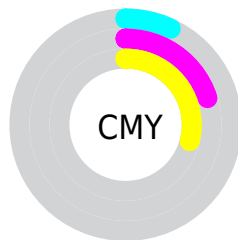
- Red (93%)
- Green (80%)
- Blue (71%)



- Red (93%)
- Yellow (86%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 18.035, 61.831 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 84, 18.035, 61.831 by changing the saturation by 10% instead.

 84, 18.035, 61.831

 84, 18.035, 61.831

 100, 18.035,
61.831

 74, 18.035, 61.831

 64, 18.035, 61.831

 54, 18.035, 61.831

 44, 18.035, 61.831

 34, 18.035, 61.831

 24, 18.035, 61.831

 14, 18.035, 61.831

 4, 18.035, 61.831

 0, 18.035, 61.831

84, 18.035, 61.831

84, 18.035, 61.831

80, 26.377, 60.864

88, 10.204, 62.833

76, 35.252, 59.922

92, 2.845, 63.736

73, 44.635, 59.018

96, 4.088, 245.068

69, 54.420, 58.130

99, 6.150, 199.124

66, 64.321, 57.181

63, 73.700, 55.981

60, 81.380, 54.139

58, 84.969, 52.754

Harmonies

Complementary

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



84, 18.035, 61.831



84, 16.234, 247.514

Rectangle

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



84, 18.035, 61.831



84, 18.035, 111.831



84, 18.035, 241.831



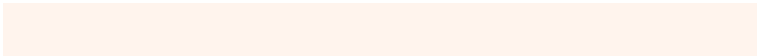
84, 18.035, 291.831

Sweetspot

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



84, 18.035, 61.840



97, 5.277, 63.504



79, 27.533, 340.562



51, 3.436, 63.450



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 18.035, 61.840



88, 23.458, 61.342



91, 26.427, 103.243



47, 4.034, 63.279



45, 69.042, 53.433



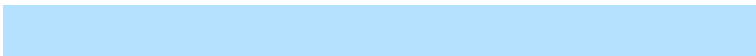
11, 22.522, 50.890

Inverse Universe

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



84, 16.234, 247.514



87, 20.589, 248.387



77, 27.622, 288.836



47, 3.887, 245.473



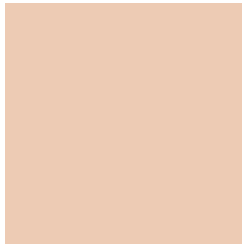
44, 45.838, 272.759



11, 17.497, 263.878

Previews

White Background



This preview shows how the CIELCh color 84, 18.035, 61.831 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 84, 18.035, 61.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

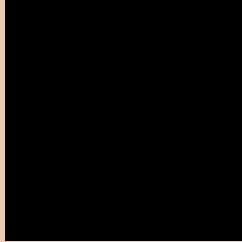
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 18.035, 61.831

Background



This preview shows how black text looks on a background with the CIELCh color 84, 18.035, 61.831.



This preview shows how white text looks on a background with the CIELCh color 84, 18.035, 61.831.

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


84, 18.035, 61.831

Protanopia

84, 14.272, 91.808

Deuteranopia

84, 18.929, 57.560



Tritanopia
84, 17.895, 352.888

Trichromacy



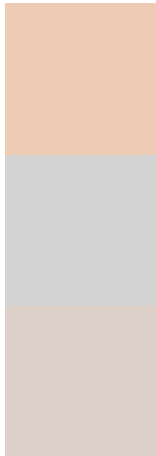
Original Color
84, 18.035, 61.831

Protanomaly
84, 15.052, 79.898

Deuteranomaly
84, 18.612, 58.294

Tritanomaly
84, 15.060, 16.574

Monochromacy



Original Color
84, 18.035, 61.831

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 6.113, 62.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 18.035, 61.831 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(237, 203, 180)` looks like.

```
.text, #text, p{  
    color:rgb(237, 203, 180)  
}
```

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(237, 203, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 203, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 18.035, 61.831 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(237, 203, 180) }
```

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

```
.border{ border-color:rgb(237, 203, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 203, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 203, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 203, 180);  
box-shadow:4px 4px 4px 4px rgb(237, 203,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 18.035, 61.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 203, 180) }
```

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

```
.background{ background-color: rgb(237,  
203, 180) }
```

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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