

Converting Colors

CIELCh(84, 14.661, 59.781)

Have a look what the booklet for
CIELCh(84, 14.661, 59.781) contains.

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Color

CIELCh(84, 14.683, 59.857)

Conversions

Conversions Part 1

Format	Color
Hex	E9CCBA
RGB	233, 204, 186
RGB Percent	91%, 80%, 73%
CMY	0.0862, 0.1999, 0.2705
CMYK	0.00, 0.12, 0.20, 0.09
HSL	23°, 52%, 82%
HSV	23°, 20%, 91%
XYZ	64.0712, 64.0658, 55.4521
YIQ	210.6190, 23.0620, 0.5500

Conversions

Conversions Part 2

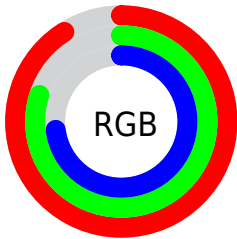
Format	Color
R _Y B	233, 215, 186
Decimal	15322298
CIE Lab	84.00, 7.37, 12.70
CIE LCh	84, 14.683, 59.857
Yxy	64.0658, 0.3490, 0.3490
Android (android.graphics.Color)	4293512378 (0xFFE9CCBA)
YUV	210.6190, -12.1372, 19.6281
Hunter-Lab	80.0411, 2.8136, 14.9529

Details

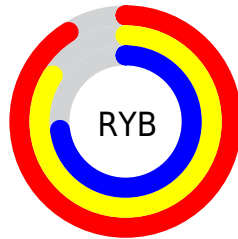
The CIELCh color $84, 14.683, 59.857$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84, 13.378, 244.289$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 6.580, 109.674$, and $64, 14.684, 59.854$ is the 20% darker color. If you saturate the color by 10%, you get $80, 22.717, 58.964$, and if you desaturate by 10%, it is $88, 7.162, 60.782$.

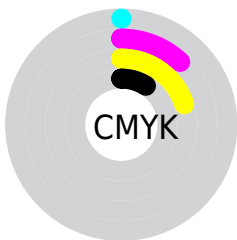
Distribution



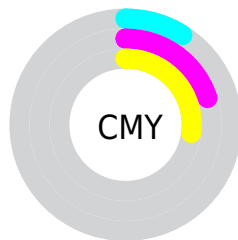
- Red (91%)
- Green (80%)
- Blue (73%)



- Red (91%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 14.683, 59.857 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, 14.683, 59.857 by changing the saturation by 10% instead.

 84, 14.683, 59.857

 84, 14.683, 59.857

 100, 14.683,
59.857

 74, 14.683, 59.857

 64, 14.683, 59.857

 54, 14.683, 59.857

 44, 14.683, 59.857

 34, 14.683, 59.857

 24, 14.683, 59.857

 14, 14.683, 59.857

 4, 14.683, 59.857

 0, 14.683, 59.857

84, 14.683, 59.857

84, 14.683, 59.857

80, 22.717, 58.964

88, 7.162, 60.782

76, 31.297, 58.101

92, 0.111, 57.194

72, 40.425, 57.290

96, 6.221, 239.587

69, 50.041, 56.525

98, 7.515, 199.018

65, 59.953, 55.757

62, 69.705, 54.851

59, 78.351, 53.495

57, 84.804, 51.473

Harmonies

Complementary

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



84, 14.683, 59.857



84, 13.378, 244.289

Rectangle

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



84, 14.683, 59.857



84, 14.683, 109.857



84, 14.683, 239.857



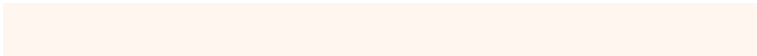
84, 14.683, 289.857

Sweetspot

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



84, 14.683, 59.868



97, 4.484, 61.131



80, 23.259, 338.637



52, 2.981, 61.080



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, 14.683, 59.868



89, 19.046, 59.508



90, 21.158, 101.925



47, 4.013, 60.844



44, 69.817, 52.099



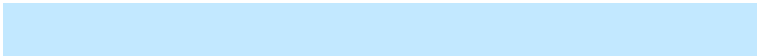
11, 22.681, 48.883

Inverse Universe

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



84, 13.378, 244.289



90, 17.001, 244.882



79, 21.851, 286.652



47, 3.855, 242.928



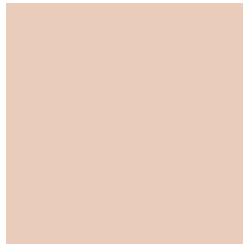
45, 43.994, 269.860



12, 16.953, 260.913

Previews

White Background



This preview shows how the CIELCh color 84, 14.683, 59.857 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, 14.683, 59.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

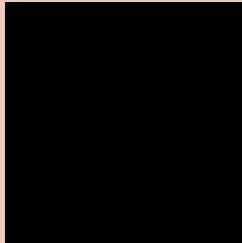
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 14.683, 59.857

Background



This preview shows how black text looks on a background with the CIELCh color 84, 14.683, 59.857.



This preview shows how white text looks on a background with the CIELCh color 84, 14.683, 59.857.

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, 14.683, 59.857

Protanopia

84, 11.027, 91.255

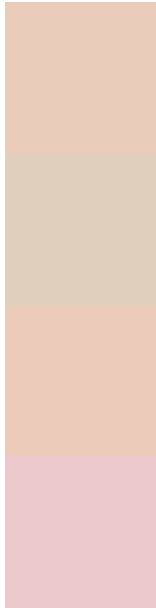
Deuteranopia

84, 16.321, 51.048



Tritanopia
84, 15.687, 350.527

Trichromacy



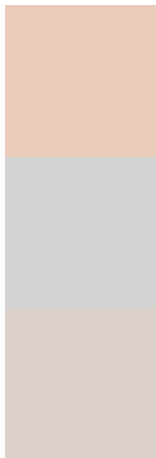
Original Color
84, 14.683, 59.857

Protanomaly
84, 11.696, 77.896

Deuteranomaly
84, 15.615, 54.805

Tritanomaly
84, 13.163, 13.550

Monochromacy



Original Color
84, 14.683, 59.857

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 5.133, 57.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 14.683, 59.857 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, 204, 186)` looks like.

```
.text, #text, p{  
    color:rgb(233, 204, 186)  
}
```

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, 204, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 204, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 14.683, 59.857 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, 204, 186) }
```

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

```
.border{ border-color:rgb(233, 204, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 204, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 204, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 204, 186);  
box-shadow:4px 4px 4px 4px rgb(233, 204,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 14.683, 59.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 204, 186) }
```

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

```
.background{ background-color: rgb(233,  
204, 186) }
```

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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