

Converting Colors

CIELCh(84, 14.623, 20.142)

Have a look what the booklet for
CIELCh(84, 14.623, 20.142) contains.

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Color

CIELCh(84, 14.678, 18.473)

Conversions

Conversions Part 1

Format	Color
Hex	EFC8C9
RGB	239, 200, 201
RGB Percent	94%, 78%, 79%
CMY	0.0616, 0.2146, 0.2107
CMYK	0.00, 0.16, 0.16, 0.06
HSL	358°, 55%, 86%
HSV	358°, 16%, 94%
XYZ	66.9854, 64.0658, 64.2626
YIQ	211.7750, 22.9230, 8.5790

Conversions

Conversions Part 2

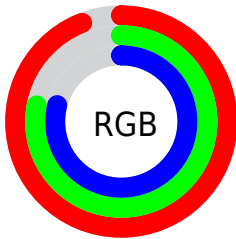
Format	Color
R _Y B	239, 200, 201
Decimal	15714505
CIE Lab	84.00, 13.92, 4.65
CIE LCh	84, 14.678, 18.473
Yxy	64.0658, 0.3430, 0.3280
Android (android.graphics.Color)	4293904585 (0xFFEFC8C9)
YUV	211.7750, -5.3121, 23.8763
Hunter-Lab	80.0411, 9.3125, 8.4266

Details

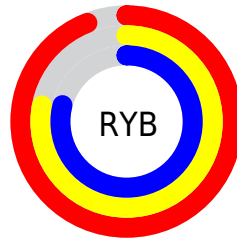
The CIELCh color **84, 14.678, 18.473** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.263, 196.338**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 14.836, 18.713** is the 20% darker color. If you saturate the color by 10%, you get **78, 24.575, 19.535**, and if you desaturate by 10%, it is **90, 5.461, 17.596**.

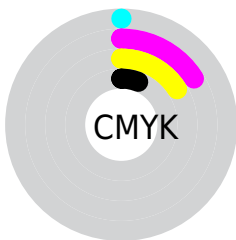
Distribution



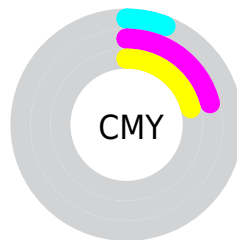
- Red (94%)
- Green (78%)
- Blue (79%)



- Red (94%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 14.678, 18.473 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, 14.678, 18.473 by changing the saturation by 10% instead.

 84, 14.678, 18.473

 84, 14.678, 18.473

 100, 14.678,
18.473

 74, 14.678, 18.473

 64, 14.678, 18.473

 54, 14.678, 18.473

 44, 14.678, 18.473

 34, 14.678, 18.473

 24, 14.678, 18.473

 14, 14.678, 18.473

 4, 14.678, 18.473

 0, 14.678, 18.473

84, 14.678, 18.473

84, 14.678, 18.473

78, 24.575, 19.535

90, 5.461, 17.596

72, 35.119, 20.880

97, 3.083, 197.268

66, 46.184, 22.619

99, 5.405, 199.185

61, 57.543, 24.871

57, 68.859, 27.743

54, 79.705, 31.247

51, 89.457, 35.109

50, 96.785, 38.456

50, 98.634, 39.245

Harmonies

Complementary

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



84, 14.678, 18.473



92, 13.263, 196.338

Rectangle

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



84, 14.678, 18.473



84, 14.678, 68.473



84, 14.678, 198.473



84, 14.678, 248.473

Sweetspot

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



84, 14.676, 18.481



97, 4.541, 17.475



85, 24.492, 324.402



51, 3.106, 17.543



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, 14.676, 18.481



86, 19.230, 18.851



88, 12.299, 69.762



47, 4.992, 17.873



38, 80.557, 38.957



8, 29.699, 22.785

Inverse Universe

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



84, 14.676, 18.481



86, 19.230, 18.851



87, 11.685, 253.959



47, 4.992, 17.873



38, 80.557, 38.957



8, 29.699, 22.785

Previews

White Background



This preview shows how the CIELCh color 84, 14.678, 18.473 looks on a white background.

Color Contrast Check

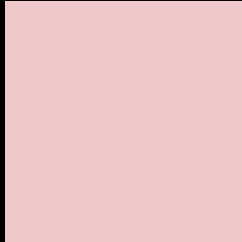
Large Text (above 18pt) WCAG AA × Fail

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, 14.678, 18.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

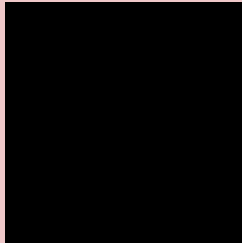
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 14.678, 18.473

Background



This preview shows how black text looks on a background with the CIELCh color 84, 14.678, 18.473.

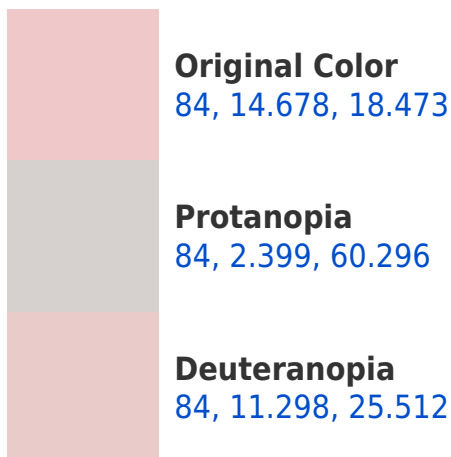



This preview shows how white text looks on a background with the CIELCh color 84, 14.678, 18.473.

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
84, 17.895, 352.888

Trichromacy



Original Color
84, 14.678, 18.473

Protanomaly
84, 6.375, 29.246

Deuteranomaly
84, 12.399, 22.720

Tritanomaly
84, 16.075, 1.667

Monochromacy



Original Color
84, 14.678, 18.473

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.141, 19.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 14.678, 18.473 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(239, 200, 201)` looks like.

```
.text, #text, p{  
    color:rgb(239, 200, 201)  
}
```

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(239, 200, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 200, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 14.678, 18.473 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(239, 200, 201) }
```

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

```
.border{ border-color:rgb(239, 200, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 200, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 200, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 200, 201);  
box-shadow:4px 4px 4px 4px rgb(239, 200,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 14.678, 18.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 200, 201) }
```

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

```
.background{ background-color: rgb(239,  
200, 201) }
```

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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