

Converting Colors

CIELCh(84, 24.535, 58.291)

Have a look what the booklet for
CIELCh(84, 24.535, 58.291) contains.

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Color

CIELCh(84, 24.667, 58.162)

Conversions

Conversions Part 1

Format	Color
Hex	F8C8AB
RGB	248, 200, 171
RGB Percent	97%, 78%, 67%
CMY	0.0283, 0.2165, 0.3302
CMYK	0.00, 0.19, 0.31, 0.03
HSL	23°, 84%, 82%
HSV	23°, 31%, 97%
XYZ	66.5755, 64.0658, 47.2877
YIQ	211.0460, 37.9170, 1.1570

Conversions

Conversions Part 2

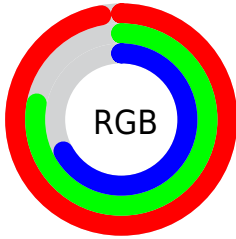
Format	Color
R _Y B	248, 218, 171
Decimal	16304299
CIE Lab	84.00, 13.01, 20.96
CIE LCh	84, 24.667, 58.162
Yxy	64.0658, 0.3742, 0.3601
Android (android.graphics.Color)	4294494379 (0xFFF8C8AB)
YUV	211.0460, -19.7427, 32.4087
Hunter-Lab	80.0411, 8.3985, 21.0007

Details

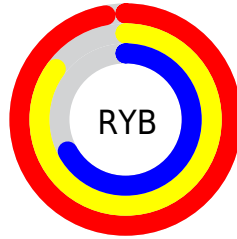
The CIELCh color **84, 24.667, 58.162** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 21.124, 245.228**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.673, 109.069**, and **64, 24.391, 58.076** is the 20% darker color. If you saturate the color by 10%, you get **80, 33.759, 57.339**, and if you desaturate by 10%, it is **88, 16.160, 59.047**.

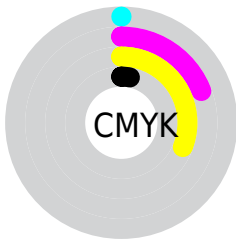
Distribution



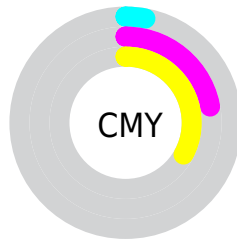
- Red (97%)
- Green (78%)
- Blue (67%)



- Red (97%)
- Yellow (85%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (3%)



- Cyan (3%)
- Magenta (22%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.667, 58.162 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, 24.667, 58.162 by changing the saturation by 10% instead.

 84, 24.667, 58.162

 84, 24.667, 58.162

 100, 24.667,
58.162

 74, 24.667, 58.162

 64, 24.667, 58.162

 54, 24.667, 58.162

 44, 24.667, 58.162

 34, 24.667, 58.162

 24, 24.667, 58.162

 14, 24.667, 58.162

 4, 24.667, 58.162

 0, 24.667, 58.162

84, 24.667, 58.162

84, 24.667, 58.162

80, 33.759, 57.339

88, 16.160, 59.047

76, 43.436, 56.567

93, 8.208, 59.941

72, 53.625, 55.843

97, 0.761, 60.247

68, 64.105, 55.114

99, 2.499, 199.512

65, 74.347, 54.226

62, 83.277, 52.836

60, 89.260, 50.951

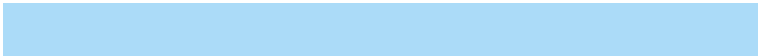
Harmonies

Complementary

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



84, 24.667, 58.162



85, 21.124, 245.228

Rectangle

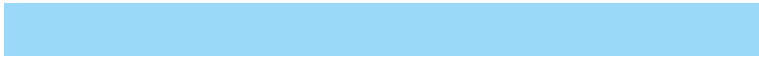
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 24.667, 58.162



84, 24.667, 108.162



84, 24.667, 238.162



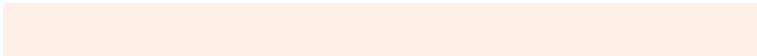
84, 24.667, 288.162

Sweetspot

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



84, 24.667, 58.169



96, 6.785, 60.120



79, 37.731, 339.596



51, 4.738, 59.994



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, 24.667, 58.169



84, 30.701, 57.666



93, 34.214, 100.688



50, 4.223, 60.078



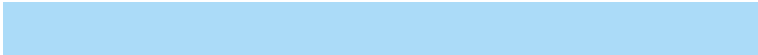
46, 72.323, 51.588



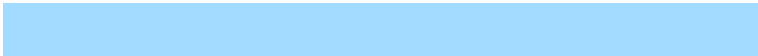
13, 26.458, 49.733

Inverse Universe

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



85, 21.124, 245.228



85, 25.395, 246.378



75, 36.075, 288.403



50, 4.051, 242.137



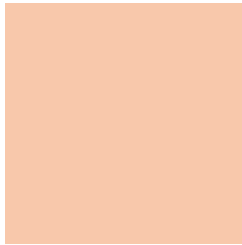
48, 44.900, 269.084



14, 18.574, 261.454

Previews

White Background



This preview shows how the CIELCh color 84, 24.667, 58.162 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, 24.667, 58.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

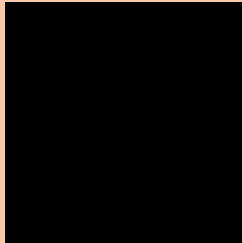
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 24.667, 58.162

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.667, 58.162.

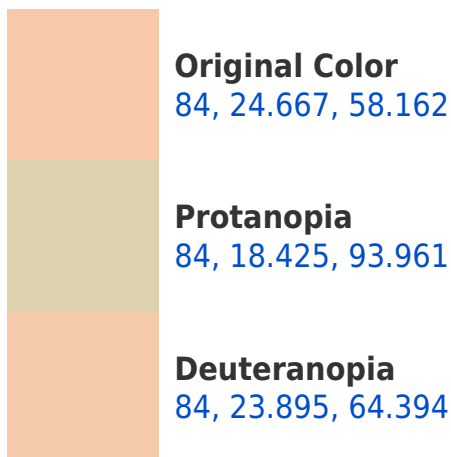



This preview shows how white text looks on a background with the CIELCh color 84, 24.667, 58.162.

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, 22.940, 1.332

Trichromacy



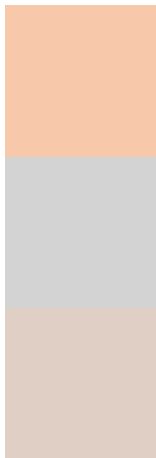
Original Color
84, 24.667, 58.162

Protanomaly
84, 19.974, 79.225

Deuteranomaly
84, 24.128, 62.266

Tritanomaly
84, 20.658, 22.444

Monochromacy



Original Color
84, 24.667, 58.162

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.607, 61.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.667, 58.162 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(248, 200, 171)` looks like.

```
.text, #text, p{  
    color:rgb(248, 200, 171)  
}
```

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(248, 200, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 200, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.667, 58.162 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(248, 200, 171) }
```

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

```
.border{ border-color:rgb(248, 200, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 200, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 200, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 200, 171);  
box-shadow:4px 4px 4px 4px rgb(248, 200,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.667, 58.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 200, 171) }
```

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

```
.background{ background-color: rgb(248,  
200, 171) }
```

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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