

Converting Colors

CIELCh(84, 23.708, 57.967)

Have a look what the booklet for
CIELCh(84, 23.708, 57.967) contains.

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Color

CIELCh(84, 23.986, 57.855)

Conversions

Conversions Part 1

Format	Color
Hex	F7C8AC
RGB	247, 200, 172
RGB Percent	97%, 78%, 67%
CMY	0.0313, 0.2156, 0.3255
CMYK	0.00, 0.19, 0.30, 0.03
HSL	22°, 82%, 82%
HSV	22°, 30%, 97%
XYZ	66.4630, 64.0658, 47.8959
YIQ	210.8610, 37.0000, 1.2560

Conversions

Conversions Part 2

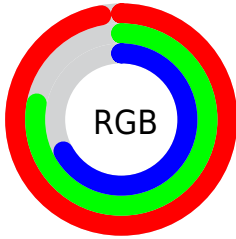
Format	Color
R _Y B	247, 217, 172
Decimal	16238764
CIE Lab	84.00, 12.76, 20.31
CIE LCh	84, 23.986, 57.855
Yxy	64.0658, 0.3725, 0.3591
Android (android.graphics.Color)	4294428844 (0xFFFF7C8AC)
YUV	210.8610, -19.1585, 31.6939
Hunter-Lab	80.0411, 8.1476, 20.5501

Details

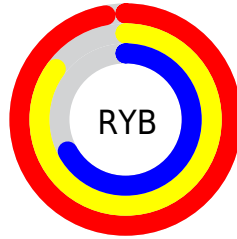
The CIELCh color **84, 23.986, 57.855** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 20.589, 244.661**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **64, 24.009, 57.160** is the 20% darker color. If you saturate the color by 10%, you get **80, 33.020, 57.045**, and if you desaturate by 10%, it is **88, 15.538, 58.728**.

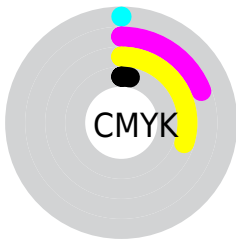
Distribution



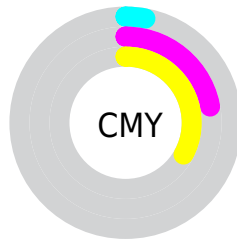
- Red (97%)
- Green (78%)
- Blue (67%)



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



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (3%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.986, 57.855 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, 23.986, 57.855 by changing the saturation by 10% instead.

 84, 23.986, 57.855

 84, 23.986, 57.855

 100, 23.986,
57.855

 74, 23.986, 57.855

 64, 23.986, 57.855

 54, 23.986, 57.855

 44, 23.986, 57.855

 34, 23.986, 57.855

 24, 23.986, 57.855

 14, 23.986, 57.855

 4, 23.986, 57.855

 0, 23.986, 57.855

84, 23.986, 57.855

84, 23.986, 57.855

80, 33.020, 57.045

88, 15.538, 58.728

76, 42.645, 56.288

93, 7.644, 59.609

72, 52.795, 55.583

97, 0.253, 58.482

68, 63.264, 54.882

99, 2.768, 199.469

65, 73.557, 54.042

62, 82.646, 52.735

59, 89.208, 50.756

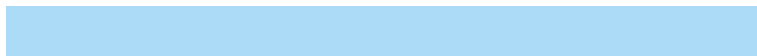
Harmonies

Complementary

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



84, 23.986, 57.855



85, 20.589, 244.661

Rectangle

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



84, 23.986, 57.855



84, 23.986, 107.855



84, 23.986, 237.855



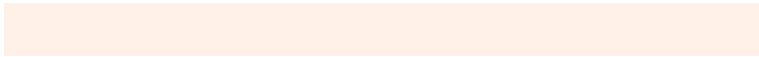
84, 23.986, 287.855

Sweetspot

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



84, 23.986, 57.863



96, 6.781, 59.723



79, 36.786, 339.531



51, 4.735, 59.599



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, 23.986, 57.863



84, 29.770, 57.390



93, 33.359, 100.768



49, 4.149, 59.684



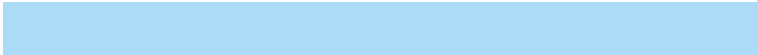
45, 71.702, 51.421



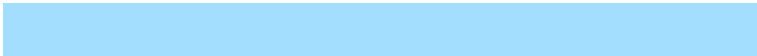
13, 25.262, 49.003

Inverse Universe

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



85, 20.589, 244.661



85, 24.720, 245.728



75, 35.122, 288.280



49, 3.980, 241.719



47, 44.128, 268.535



13, 17.894, 260.495

Previews

White Background



This preview shows how the CIELCh color 84, 23.986, 57.855 looks on a white background.

Color Contrast Check

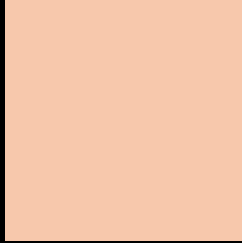
Large Text (above 18pt) WCAG AA × Fail

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, 23.986, 57.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

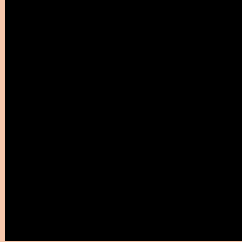
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 23.986, 57.855

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.986, 57.855.



This preview shows how white text looks on a background with the CIELCh color 84, 23.986, 57.855.

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, 23.986, 57.855

Protanopia

84, 17.918, 93.607

Deuteranopia

84, 22.815, 63.426



Tritanopia
84, 22.210, 0.574

Trichromacy



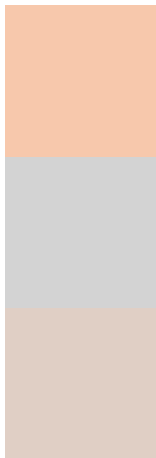
Original Color
84, 23.986, 57.855

Protanomaly
84, 18.844, 78.871

Deuteranomaly
84, 23.061, 61.209

Tritanomaly
84, 20.244, 22.434

Monochromacy



Original Color
84, 23.986, 57.855

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.254, 59.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.986, 57.855 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(247, 200, 172)` looks like.

```
.text, #text, p{  
    color:rgb(247, 200, 172)  
}
```

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(247, 200, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 200, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.986, 57.855 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(247, 200, 172) }
```

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

```
.border{ border-color:rgb(247, 200, 172) }
```

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

Here you see how a box with a 4 pixel rgb(247, 200, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 200, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 200, 172);  
box-shadow:4px 4px 4px 4px rgb(247, 200,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.986, 57.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 200, 172) }
```

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

```
.background{ background-color: rgb(247,  
200, 172) }
```

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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