

Converting Colors

CIELCh(78, 37.286, 57.221)

Have a look what the booklet for
CIELCh(78, 37.286, 57.221) contains.

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Color

CIELCh(78, 37.336, 57.208)

Conversions

Conversions Part 1

Format	Color
Hex	F7B288
RGB	247, 178, 136
RGB Percent	97%, 70%, 53%
CMY	0.0326, 0.3031, 0.4677
CMYK	0.00, 0.28, 0.45, 0.03
HSL	23°, 87%, 75%
HSV	23°, 45%, 97%
XYZ	58.5329, 53.2120, 30.3756
YIQ	193.8430, 54.6060, 1.5660

Conversions

Conversions Part 2

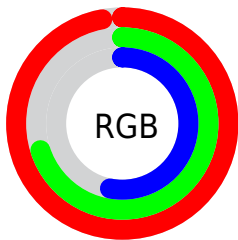
Format	Color
R _Y B	247, 204, 136
Decimal	16233096
CIE Lab	78.00, 20.22, 31.39
CIE LCh	78, 37.336, 57.208
Yxy	53.2120, 0.4119, 0.3744
Android (android.graphics.Color)	4294423176 (0xFFF7B288)
YUV	193.8430, -28.5166, 46.6187
Hunter-Lab	72.9466, 15.5734, 26.3737

Details

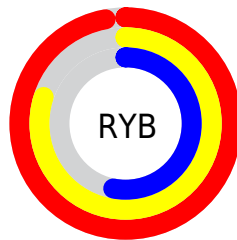
The CIELCh color **78, 37.336, 57.208** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 29.488, 248.380**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 23.996, 88.657**, and **58, 37.126, 56.958** is the 20% darker color. If you saturate the color by 10%, you get **74, 47.183, 56.453**, and if you desaturate by 10%, it is **82, 28.050, 58.030**.

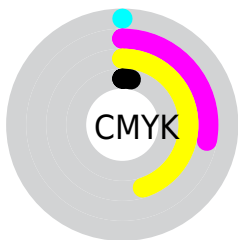
Distribution



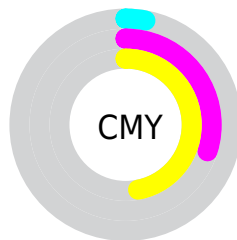
- Red (97%)
- Green (70%)
- Blue (53%)



- Red (97%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (3%)



- Cyan (3%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 37.336, 57.208 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 78, 37.336, 57.208 by changing the saturation by 10% instead.

78, 37.336, 57.208

78, 37.336, 57.208

100, 37.336,
57.208

68, 37.336, 57.208

98, 37.336, 57.208

58, 37.336, 57.208

48, 37.336, 57.208

38, 37.336, 57.208

28, 37.336, 57.208

18, 37.336, 57.208

8, 37.336, 57.208

0, 37.336, 57.208

78, 37.336, 57.208

78, 37.336, 57.208

74, 47.183, 56.453

82, 28.050, 58.030

70, 57.476, 55.725

86, 19.352, 58.899

67, 67.897, 54.946

91, 11.218, 59.799

64, 77.739, 53.902

95, 3.606, 60.647

61, 85.686, 52.159

99, 2.679, 206.259

60, 88.863, 51.067

99, 2.880, 199.453

Harmonies

Complementary

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



78, 37.336, 57.208



79, 29.488, 248.380

Rectangle

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



78, 37.336, 57.208



78, 37.336, 107.208



78, 37.336, 237.208



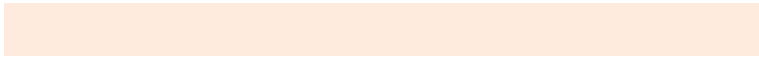
78, 37.336, 287.208

Sweetspot

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



78, 37.335, 57.213



94, 9.936, 59.976



71, 53.851, 340.965



49, 7.004, 59.776



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 37.335, 57.213



77, 47.469, 56.518



91, 49.003, 99.108



49, 4.153, 60.289



45, 71.502, 51.733



13, 25.216, 49.465

Inverse Universe

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



79, 29.488, 248.380



78, 35.444, 250.797



65, 53.420, 291.100



49, 3.986, 242.355



47, 44.570, 269.291



13, 18.033, 261.260

Previews

White Background



This preview shows how the CIELCh color 78, 37.336, 57.208 looks on a white background.

Color Contrast Check

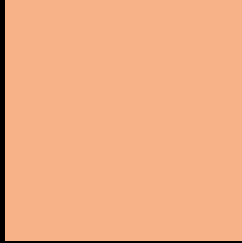
Large Text (above 18pt) WCAG AA × Fail

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 78, 37.336, 57.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

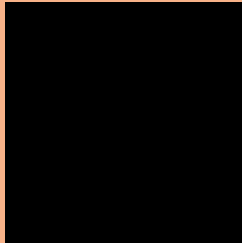
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 37.336, 57.208

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.336, 57.208.



This preview shows how white text looks on a background with the CIELCh color 78, 37.336, 57.208.

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

78, 37.336, 57.208

Protanopia

78, 27.646, 95.744

Deuteranopia

78, 33.409, 73.310



Tritanopia
78, 31.526, 9.760

Trichromacy



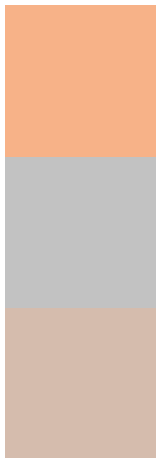
Original Color
78, 37.336, 57.208

Protanomaly
78, 28.901, 78.740

Deuteranomaly
78, 34.272, 66.494

Tritanomaly
78, 30.774, 28.815

Monochromacy



Original Color
78, 37.336, 57.208

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.633, 59.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 37.336, 57.208 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, 178, 136)` looks like.

```
.text, #text, p{  
    color:rgb(247, 178, 136)  
}
```

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, 178, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 178, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 37.336, 57.208 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, 178, 136) }
```

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

```
.border{ border-color:rgb(247, 178, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 178, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 178, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 178, 136);  
box-shadow:4px 4px 4px 4px rgb(247, 178,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 37.336, 57.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 178, 136) }
```

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

```
.background{ background-color: rgb(247,  
178, 136) }
```

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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