

Converting Colors

CIELCh(78, 36.474, 55.383)

Have a look what the booklet for
CIELCh(78, 36.474, 55.383) contains.

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Color

CIELCh(78, 36.642, 55.130)

Conversions

Conversions Part 1

Format	Color
Hex	F7B18A
RGB	247, 177, 138
RGB Percent	97%, 69%, 54%
CMY	0.0303, 0.3049, 0.4579
CMYK	0.00, 0.28, 0.44, 0.03
HSL	21°, 88%, 76%
HSV	21°, 44%, 97%
XYZ	58.8339, 53.2120, 31.3077
YIQ	193.4840, 54.2390, 2.7110

Conversions

Conversions Part 2

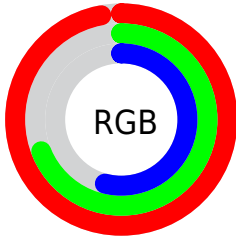
Format	Color
R _Y B	247, 199, 138
Decimal	16232842
CIE Lab	78.00, 20.95, 30.06
CIE LCh	78, 36.642, 55.130
Yxy	53.2120, 0.4104, 0.3712
Android (android.graphics.Color)	4294422922 (0xFFFF7B18A)
YUV	193.4840, -27.3536, 46.9335
Hunter-Lab	72.9466, 16.3100, 25.6161

Details

The CIELCh color **78, 36.642, 55.130** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 28.633, 245.285**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 22.711, 86.622**, and **58, 36.403, 54.819** is the 20% darker color. If you saturate the color by 10%, you get **74, 46.554, 54.495**, and if you desaturate by 10%, it is **82, 27.329, 55.848**.

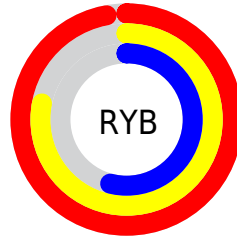
Distribution



Red (97%)

Green (69%)

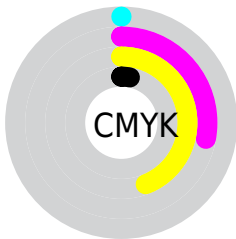
Blue (54%)



Red (97%)

Yellow (78%)

Blue (54%)

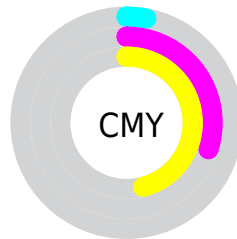


Cyan (0%)

Magenta (28%)

Yellow (44%)

Black (3%)



Cyan (3%)

Magenta (30%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 36.642, 55.130 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, 36.642, 55.130 by changing the saturation by 10% instead.

 78, 36.642, 55.130

 78, 36.642, 55.130

 100, 36.642,
55.130

 68, 36.642, 55.130

 98, 36.642, 55.130

 58, 36.642, 55.130

 48, 36.642, 55.130

 38, 36.642, 55.130

 28, 36.642, 55.130

 18, 36.642, 55.130

 8, 36.642, 55.130

 0, 36.642, 55.130

 78, 36.642, 55.130

 78, 36.642, 55.130

74, 46.554, 54.495

82, 27.329, 55.848

70, 56.964, 53.911

87, 18.631, 56.625

67, 67.585, 53.309

91, 10.520, 57.441

63, 77.755, 52.487

95, 2.949, 58.183

60, 86.186, 51.017

99, 2.674, 199.483

59, 90.072, 49.837

Harmonies

Complementary

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



78, 36.642, 55.130



80, 28.633, 245.285

Rectangle

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



78, 36.642, 55.130



78, 36.642, 105.130



78, 36.642, 235.130



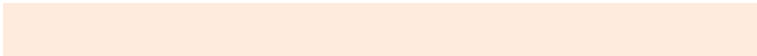
78, 36.642, 285.130

Sweetspot

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



78, 36.641, 55.135



94, 9.912, 57.529



71, 53.525, 340.045



49, 6.990, 57.348



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, 36.641, 55.135



76, 46.604, 54.557



91, 47.459, 98.235



49, 4.141, 57.815



45, 72.323, 50.488



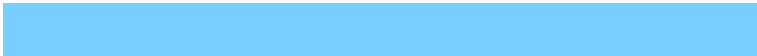
12, 25.414, 47.606

Inverse Universe

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



80, 28.633, 245.285



79, 34.307, 247.546



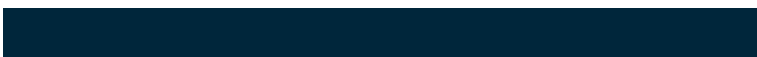
66, 51.327, 290.110



49, 3.963, 239.753



48, 42.818, 266.129



14, 17.487, 258.085

Previews

White Background



This preview shows how the CIELCh color 78, 36.642, 55.130 looks on a white background.

Color Contrast Check

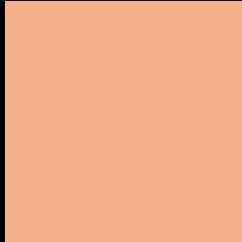
Large Text (above 18pt) WCAG AA × Fail

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, 36.642, 55.130 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, 36.642, 55.130

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.642, 55.130.



This preview shows how white text looks on a background with the CIELCh color 78, 36.642, 55.130.

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, 36.642, 55.130

Protanopia

78, 26.105, 95.235

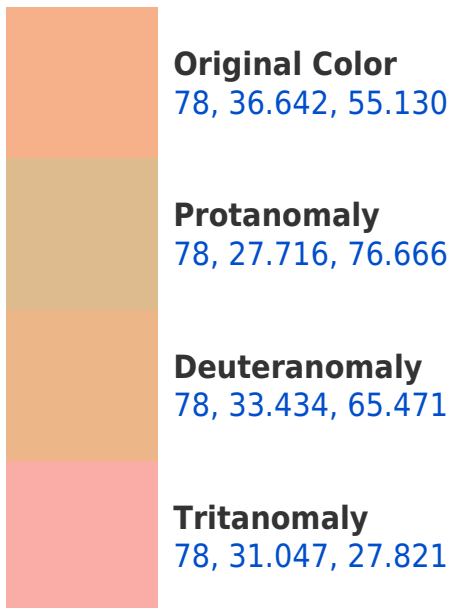
Deuteranopia

78, 32.063, 71.979

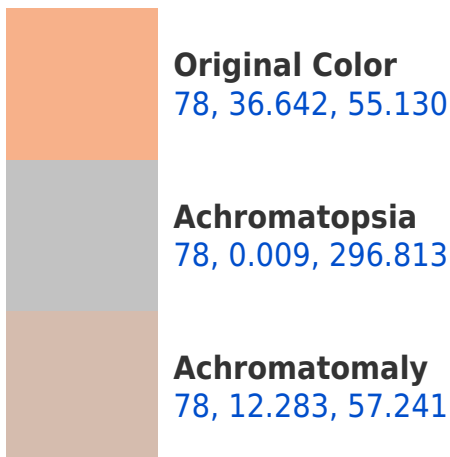


Tritanopia
78, 31.526, 9.760

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.642, 55.130 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, 177, 138)` looks like.

```
.text, #text, p{  
    color:rgb(247, 177, 138)  
}
```

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, 177, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 177, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.642, 55.130 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, 177, 138) }
```

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

```
.border{ border-color:rgb(247, 177, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 177, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 177, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 177, 138);  
box-shadow:4px 4px 4px 4px rgb(247, 177,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.642, 55.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 177, 138) }
```

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

```
.background{ background-color: rgb(247,  
177, 138) }
```

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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