

Converting Colors

CIELCh(81, 48.055, 40.876)

Have a look what the booklet for
CIELCh(81, 48.055, 40.876) contains.

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Color

CIELCh(78, 38.088, 45.371)

Conversions

Conversions Part 1

Format	Color
Hex	FFAD90
RGB	255, 173, 144
RGB Percent	100%, 68%, 56%
CMY	0.0000, 0.3212, 0.4350
CMYK	0.00, 0.32, 0.43, 0.00
HSL	16°, 100%, 78%
HSV	16°, 43%, 100%
XYZ	61.2728, 53.2120, 33.4590
YIQ	194.2120, 58.1810, 8.3650

Conversions

Conversions Part 2

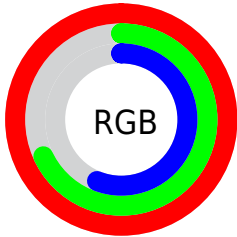
Format	Color
R _Y B	255, 183, 144
Decimal	16756112
CIE Lab	78.00, 26.76, 27.11
CIE LCh	78, 38.088, 45.371
Yxy	53.2120, 0.4142, 0.3597
Android (android.graphics.Color)	4294946192 (0xFFFFAD90)
YUV	194.2120, -24.7545, 53.3111
Hunter-Lab	72.9466, 22.2779, 23.8676

Details

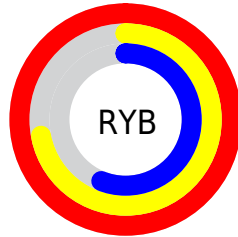
The CIELCh color **78, 38.088, 45.371** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 28.122, 231.135**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 18.841, 77.116**, and **58, 38.357, 45.468** is the 20% darker color. If you saturate the color by 10%, you get **73, 48.692, 45.430**, and if you desaturate by 10%, it is **83, 28.130, 45.522**.

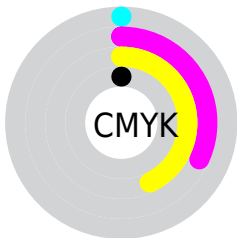
Distribution



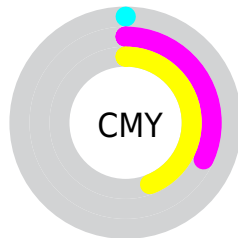
- Red (100%)
- Green (68%)
- Blue (56%)



- Red (100%)
- Yellow (72%)
- Blue (56%)



- Cyan (0%)
- Magenta (32%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 38.088, 45.371 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, 38.088, 45.371 by changing the saturation by 10% instead.

78, 38.088, 45.371

78, 38.088, 45.371

100, 38.088,
45.371

68, 38.088, 45.371

98, 38.088, 45.371

58, 38.088, 45.371

48, 38.088, 45.371

38, 38.088, 45.371

28, 38.088, 45.371

18, 38.088, 45.371

8, 38.088, 45.371

0, 38.088, 45.371

78, 38.088, 45.371

78, 38.088, 45.371

73, 48.692, 45.430

83, 28.130, 45.522

69, 59.955, 45.624

88, 18.940, 45.778

65, 71.564, 45.925

93, 10.449, 46.128

62, 82.863, 46.137

98, 2.601, 46.405

59, 92.442, 45.775

100, 0.012,
296.813

57, 97.151, 45.128

Harmonies

Complementary

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



78, 38.088, 45.371



86, 28.122, 231.135

Rectangle

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



78, 38.088, 45.371



78, 38.088, 95.371



78, 38.088, 225.371



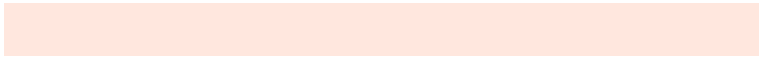
78, 38.088, 275.371

Sweetspot

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



78, 38.051, 45.397



93, 10.044, 46.146



74, 57.861, 335.449



49, 7.090, 46.064



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, 38.051, 45.397



74, 47.055, 45.414



91, 44.028, 91.771



50, 4.332, 46.276



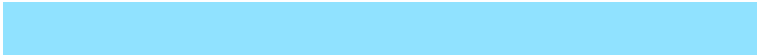
43, 77.756, 45.639



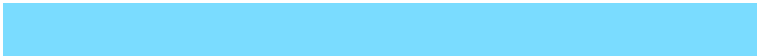
12, 29.084, 41.044

Inverse Universe

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



86, 28.122, 231.135



83, 32.354, 232.704



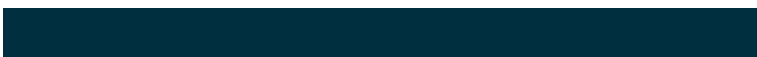
71, 45.702, 284.479



51, 4.098, 227.466



55, 37.380, 248.737



17, 16.628, 242.178

Previews

White Background



This preview shows how the CIELCh color 78, 38.088, 45.371 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, 38.088, 45.371 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, 38.088, 45.371

Background



This preview shows how black text looks on a background with the CIELCh color 78, 38.088, 45.371.



This preview shows how white text looks on a background with the CIELCh color 78, 38.088, 45.371.

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, 38.088, 45.371

Protanopia

78, 21.798, 95.473

Deuteranopia

78, 29.588, 70.072



Tritanopia
78, 33.427, 12.521

Trichromacy



Original Color
78, 38.088, 45.371

Protanomaly
78, 24.620, 70.623

Deuteranomaly
78, 31.619, 59.923

Tritanomaly
78, 33.624, 24.986

Monochromacy



Original Color
78, 38.088, 45.371

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.833, 44.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 38.088, 45.371 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(255, 173, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 144)  
}
```

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(255, 173, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 38.088, 45.371 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(255, 173, 144) }
```

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

```
.border{ border-color:rgb(255, 173, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 38.088, 45.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 144) }
```

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

```
.background{ background-color: rgb(255,  
173, 144) }
```

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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