

Converting Colors

CIELCh(88, 71.937, 35.844)

Have a look what the booklet for
CIELCh(88, 71.937, 35.844) contains.

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Color

CIELCh(78, 38.410, 43.625)

Conversions

Conversions Part 1

Format	Color
Hex	FFAC91
RGB	255, 172, 145
RGB Percent	100%, 67%, 57%
CMY	0.0000, 0.3243, 0.4303
CMYK	0.00, 0.32, 0.43, 0.00
HSL	15°, 100%, 78%
HSV	15°, 43%, 100%
XYZ	61.7193, 53.2120, 33.9115
YIQ	193.7390, 58.1350, 9.1990

Conversions

Conversions Part 2

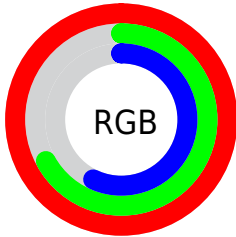
Format	Color
R _Y B	255, 181, 145
Decimal	16755857
CIE Lab	78.00, 27.80, 26.50
CIE LCh	78, 38.410, 43.625
Yxy	53.2120, 0.4147, 0.3575
Android (android.graphics.Color)	4294945937 (0xFFFFAC91)
YUV	193.7390, -24.0283, 53.7259
Hunter-Lab	72.9466, 23.3704, 23.4998

Details

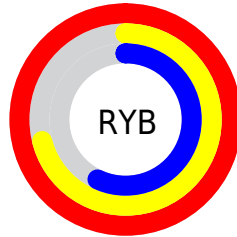
The CIELCh color **78, 38.410, 43.625** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 27.889, 228.855**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 18.192, 74.529**, and **58, 38.219, 43.910** is the 20% darker color. If you saturate the color by 10%, you get **73, 48.532, 44.078**, and if you desaturate by 10%, it is **83, 27.870, 43.970**.

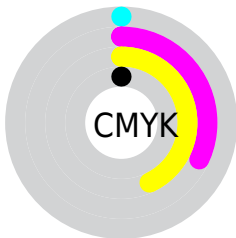
Distribution



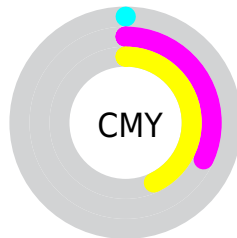
- Red (100%)
- Green (67%)
- Blue (57%)



- Red (100%)
- Yellow (71%)
- Blue (57%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 38.410, 43.625 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, 38.410, 43.625 by changing the saturation by 10% instead.

78, 38.410, 43.625

78, 38.410, 43.625

100, 38.410,
43.625

68, 38.410, 43.625

98, 38.410, 43.625

58, 38.410, 43.625

48, 38.410, 43.625

38, 38.410, 43.625

28, 38.410, 43.625

18, 38.410, 43.625

8, 38.410, 43.625

0, 38.410, 43.625

78, 38.410, 43.625

78, 38.410, 43.625

73, 48.532, 44.078

83, 27.870, 43.970

69, 59.862, 44.398

88, 18.645, 44.143

65, 71.558, 44.851

93, 10.128, 44.416

61, 82.987, 45.251

98, 2.263, 44.588

59, 92.763, 45.119

100, 0.012,
296.813

57, 97.858, 44.558

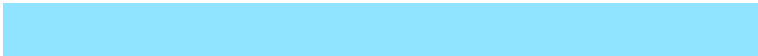
Harmonies

Complementary

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



78, 38.410, 43.625



86, 27.889, 228.855

Rectangle

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



78, 38.410, 43.625



78, 38.410, 93.625



78, 38.410, 223.625



78, 38.410, 273.625

Sweetspot

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



78, 37.836, 43.938



93, 10.100, 44.417



74, 57.930, 334.722



49, 7.131, 44.351



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, 37.836, 43.938



74, 47.393, 44.055



91, 42.960, 90.623



50, 4.355, 44.520



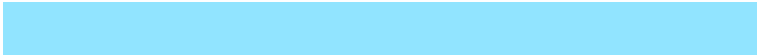
43, 78.331, 45.045



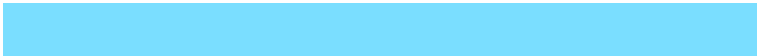
12, 29.299, 40.035

Inverse Universe

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



86, 27.889, 228.855



84, 32.318, 230.388



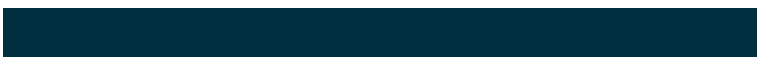
72, 44.217, 283.321



51, 4.115, 225.577



56, 36.734, 245.648



18, 16.453, 239.345

Previews

White Background



This preview shows how the CIELCh color 78, 38.410, 43.625 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, 38.410, 43.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

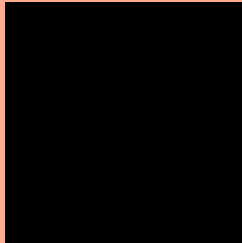
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 38.410, 43.625

Background



This preview shows how black text looks on a background with the CIELCh color 78, 38.410, 43.625.



This preview shows how white text looks on a background with the CIELCh color 78, 38.410, 43.625.

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, 37.962, 43.835

Protanopia

78, 20.884, 93.884

Deuteranopia

78, 28.880, 70.148



Tritanopia
78, 33.870, 11.808

Trichromacy



Original Color
78, 37.962, 43.835



Protanomaly
78, 24.055, 68.478



Deuteranomaly
78, 31.237, 58.143

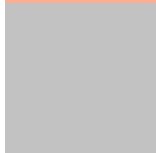


Tritanomaly
78, 33.970, 24.136

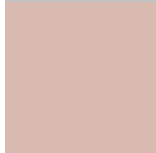
Monochromacy



Original Color
78, 37.962, 43.835



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, 38.410, 43.625 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, 172, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 145)  
}
```

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, 172, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 38.410, 43.625 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, 172, 145) }
```

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

```
.border{ border-color:rgb(255, 172, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 38.410, 43.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 145) }
```

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

```
.background{ background-color: rgb(255,  
172, 145) }
```

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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