

Converting Colors

CIELCh(76, 38.048, 29.900)

Have a look what the booklet for
CIELCh(76, 38.048, 29.900) contains.

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Color

CIELCh(76, 38.078, 29.822)

Conversions

Conversions Part 1

Format	Color
Hex	FFA39A
RGB	255, 163, 154
RGB Percent	100%, 64%, 60%
CMY	0.0000, 0.3601, 0.3954
CMYK	0.00, 0.36, 0.40, 0.00
HSL	5°, 100%, 80%
HSV	5°, 40%, 100%
XYZ	60.2813, 49.8872, 37.0947
YIQ	189.4820, 57.7210, 16.7050

Conversions

Conversions Part 2

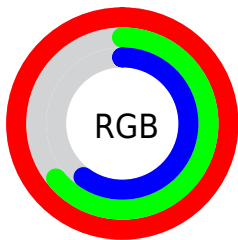
Format	Color
R _Y B	255, 164, 154
Decimal	16753562
CIE Lab	76.00, 33.04, 18.94
CIE LCh	76, 38.078, 29.822
Yxy	49.8872, 0.4093, 0.3388
Android (android.graphics.Color)	4294943642 (0xFFFFA39A)
YUV	189.4820, -17.4926, 57.4593
Hunter-Lab	70.6309, 28.7401, 18.3030

Details

The CIELCh color **76, 38.078, 29.822** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 28.260, 207.289**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.720, 42.870**, and **56, 38.253, 29.653** is the 20% darker color. If you saturate the color by 10%, you get **71, 49.426, 31.073**, and if you desaturate by 10%, it is **82, 27.272, 28.921**.

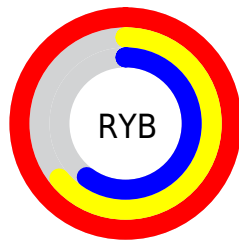
Distribution



Red (100%)

Green (64%)

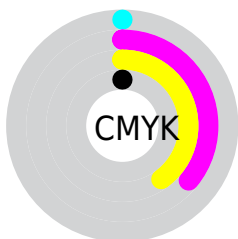
Blue (60%)



Red (100%)

Yellow (64%)

Blue (60%)

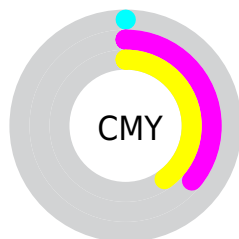


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 38.078, 29.822 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 76, 38.078, 29.822 by changing the saturation by 10% instead.

 76, 38.078, 29.822

 76, 38.078, 29.822

 100, 38.078,
29.822

 66, 38.078, 29.822

 96, 38.078, 29.822

 56, 38.078, 29.822

 46, 38.078, 29.822

 36, 38.078, 29.822

 26, 38.078, 29.822

 16, 38.078, 29.822

 6, 38.078, 29.822

 0, 38.078, 29.822

 76, 38.078, 29.822

 76, 38.078, 29.822

71, 49.426, 31.073

82, 27.272, 28.921

66, 61.395, 32.706

88, 17.308, 28.257

61, 73.609, 34.763

94, 8.107, 27.759

58, 85.525, 37.139

100, 0.012,
296.813

55, 95.991, 39.380

54, 103.024,
40.699

54, 103.293,
40.767

Harmonies

Complementary

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



76, 38.078, 29.822



92, 28.260, 207.289

Rectangle

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



76, 38.078, 29.822



76, 38.078, 79.822



76, 38.078, 209.822



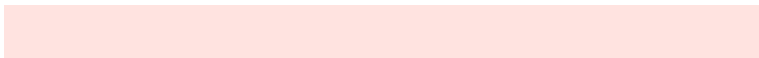
76, 38.078, 259.822

Sweetspot

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



76, 37.999, 29.835



92, 10.298, 27.873



77, 59.205, 329.062



48, 6.868, 27.935



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 37.999, 29.835



72, 46.460, 30.723



88, 35.263, 78.584



50, 4.829, 27.758



40, 82.917, 40.982



11, 31.667, 31.551

Inverse Universe

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



92, 28.260, 207.289



90, 32.324, 207.461



78, 33.339, 270.817



52, 4.538, 207.423



65, 36.255, 212.117



22, 16.843, 210.022

Previews

White Background



This preview shows how the CIELCh color 76, 38.078, 29.822 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 CIE LCh color 76, 38.078, 29.822 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 76, 38.078, 29.822

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.078, 29.822.



This preview shows how white text looks on a background with the CIELCh color 76, 38.078, 29.822.

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

76, 38.078, 29.822

Protanopia

76, 11.777, 91.808

Deuteranopia

76, 22.115, 64.416



Tritanopia
76, 37.285, 13.230

Trichromacy



Original Color
76, 38.078, 29.822

Protanomaly
76, 17.867, 48.979

Deuteranomaly
76, 26.390, 47.290

Tritanomaly
76, 37.077, 19.608

Monochromacy



Original Color
76, 38.078, 29.822

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 13.243, 27.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 38.078, 29.822 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, 163, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 154)  
}
```

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, 163, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.078, 29.822 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, 163, 154) }
```

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

```
.border{ border-color:rgb(255, 163, 154) }
```

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

Here you see how a box with a 4 pixel rgb(255, 163, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.078, 29.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 154) }
```

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

```
.background{ background-color: rgb(255,  
163, 154) }
```

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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