

Converting Colors

CIELCh(76, 44.865, 34.145)

Have a look what the booklet for
CIELCh(76, 44.865, 34.145) contains.

CIELCh(75, 41.252, 34.609)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 41.252, 34.609)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F8F
RGB	255, 159, 143
RGB Percent	100%, 62%, 56%
CMY	0.0000, 0.3748, 0.4377
CMYK	0.00, 0.37, 0.44, 0.00
HSL	9°, 100%, 78%
HSV	9°, 44%, 100%
XYZ	58.8640, 48.2781, 32.3584
YIQ	185.8800, 62.3520, 15.3760

Conversions

Conversions Part 2

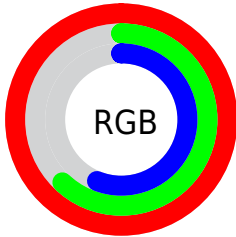
Format	Color
R _Y B	255, 162, 143
Decimal	16752527
CIE Lab	75.00, 33.95, 23.43
CIE LCh	75, 41.252, 34.609
Yxy	48.2781, 0.4220, 0.3461
Android (android.graphics.Color)	4294942607 (0xFFFF9F8F)
YUV	185.8800, -21.1398, 60.6182
Hunter-Lab	69.4824, 29.6269, 21.0260

Details

The CIELCh color **75, 41.252, 34.609** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 29.382, 214.341**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 18.027, 51.294**, and **55, 41.125, 34.141** is the 20% darker color. If you saturate the color by 10%, you get **70, 52.427, 35.625**, and if you desaturate by 10%, it is **80, 30.406, 33.969**.

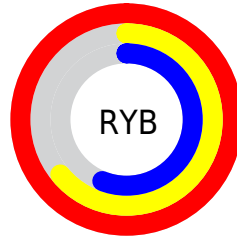
Distribution



Red (100%)

Green (62%)

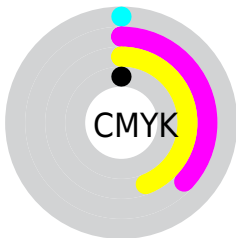
Blue (56%)



Red (100%)

Yellow (64%)

Blue (56%)

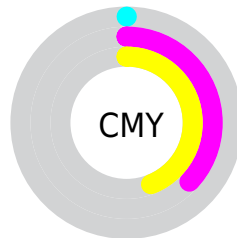


Cyan (0%)

Magenta (37%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 41.252, 34.609 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 75, 41.252, 34.609 by changing the saturation by 10% instead.

75, 41.252, 34.609

75, 41.252, 34.609

100, 41.252,
34.609

65, 41.252, 34.609

95, 41.252, 34.609

55, 41.252, 34.609

45, 41.252, 34.609

35, 41.252, 34.609

25, 41.252, 34.609

15, 41.252, 34.609

5, 41.252, 34.609

0, 41.252, 34.609

75, 41.252, 34.609

75, 41.252, 34.609

70, 52.427, 35.625

80, 30.406, 33.969

65, 64.345, 36.920

86, 20.518, 33.515

61, 76.479, 38.513

92, 11.393, 33.229

58, 88.116, 40.197

98, 2.990, 32.947

56, 97.681, 41.359

100, 0.012,
296.813

55, 101.892,
41.655

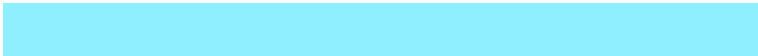
Harmonies

Complementary

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



75, 41.252, 34.609



89, 29.382, 214.341

Rectangle

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



75, 41.252, 34.609



75, 41.252, 84.609



75, 41.252, 214.609



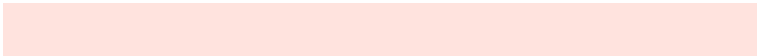
75, 41.252, 264.609

Sweetspot

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



75, 41.062, 34.654



92, 10.723, 33.212



74, 62.965, 330.983



48, 7.573, 33.263



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 41.062, 34.654



70, 51.533, 35.539



88, 40.520, 82.486



50, 4.621, 33.136



41, 81.689, 41.966



11, 30.803, 34.221

Inverse Universe

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



89, 29.382, 214.341



87, 33.817, 215.080



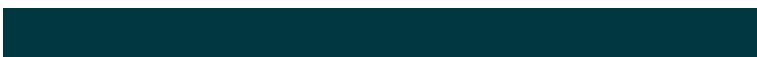
75, 39.432, 276.213



52, 4.344, 213.259



62, 35.152, 223.346



20, 16.271, 219.668

Previews

White Background



This preview shows how the CIELCh color 75, 41.252, 34.609 looks on a white background.

Color Contrast Check

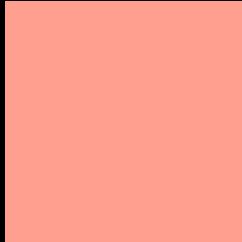
Large Text (above 18pt) WCAG AA × Fail

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 75, 41.252, 34.609 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 75, 41.252, 34.609

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.252, 34.609.



This preview shows how white text looks on a background with the CIELCh color 75, 41.252, 34.609.

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

75, 41.252, 34.609

Protanopia

75, 16.173, 93.010

Deuteranopia

75, 26.428, 68.290



Tritanopia
75, 39.026, 14.676

Trichromacy



Original Color
75, 41.252, 34.609

Protanomaly
75, 21.617, 56.791

Deuteranomaly
75, 30.170, 52.895

Tritanomaly
75, 39.112, 22.303

Monochromacy



Original Color
75, 41.252, 34.609

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 13.935, 31.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.252, 34.609 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, 159, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 143)  
}
```

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, 159, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.252, 34.609 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, 159, 143) }
```

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

```
.border{ border-color:rgb(255, 159, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 159, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.252, 34.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 143) }
```

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

```
.background{ background-color: rgb(255,  
159, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor