

Converting Colors

CIELCh(80, 67.965, 40.140)

Have a look what the booklet for
CIELCh(80, 67.965, 40.140) contains.

CIELCh(74, 48.133, 45.218)	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(74, 48.133, 45.218)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C79
RGB	255, 156, 121
RGB Percent	100%, 61%, 47%
CMY	0.0000, 0.3877, 0.5252
CMYK	0.00, 0.39, 0.53, 0.00
HSL	16°, 100%, 74%
HSV	16°, 53%, 100%
XYZ	57.0769, 46.7039, 24.1164
YIQ	181.6110, 70.2390, 10.1030

Conversions

Conversions Part 2

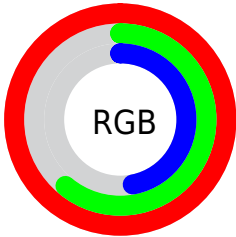
Format	Color
R_{YB}	255, 168, 121
Decimal	16751737
CIE _{Lab}	74.00, 33.91, 34.16
CIE _{LCh}	74, 48.133, 45.218
Yxy	46.7039, 0.4463, 0.3652
Android (android.graphics.Color)	4294941817 (0xFFFF9C79)
YUV	181.6110, -29.8812, 64.3622
Hunter-Lab	68.3403, 29.4855, 26.9155

Details

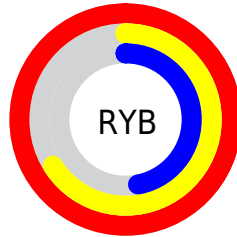
The CIELCh color **74, 48.133, 45.218** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **83, 32.598, 232.855**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 26.227, 66.865**, and **54, 47.272, 45.646** is the 20% darker color. If you saturate the color by 10%, you get **70, 58.828, 45.621**, and if you desaturate by 10%, it is **78, 37.048, 45.430**.

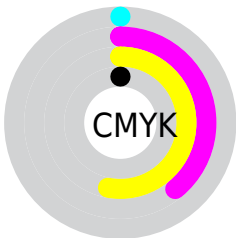
Distribution



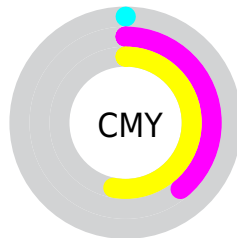
- Red (100%)
- Green (61%)
- Blue (47%)



- Red (100%)
- Yellow (66%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 48.133, 45.218 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 74, 48.133, 45.218 by changing the saturation by 10% instead.

 74, 48.133, 45.218

 74, 48.133, 45.218

 100, 48.133,
45.218

 64, 48.133, 45.218

 94, 48.133, 45.218

 54, 48.133, 45.218

 44, 48.133, 45.218

 34, 48.133, 45.218

 24, 48.133, 45.218

 14, 48.133, 45.218

 4, 48.133, 45.218

 0, 48.133, 45.218

 74, 48.133, 45.218

 74, 48.133, 45.218

70, 58.828, 45.621

78, 37.048, 45.430

66, 70.422, 45.915

83, 27.200, 45.570

62, 81.796, 46.148

88, 18.081, 45.840

59, 91.629, 45.870

93, 9.656, 46.196

57, 97.137, 45.139

99, 1.868, 46.392

100, 0.012,
296.813

Harmonies

Complementary

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



74, 48.133, 45.218



83, 32.598, 232.855

Rectangle

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



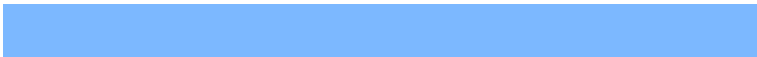
74, 48.133, 45.218



74, 48.133, 95.218



74, 48.133, 225.218



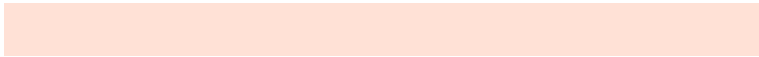
74, 48.133, 275.218

Sweetspot

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



74, 47.620, 45.444



92, 12.510, 46.066



70, 68.592, 336.199



48, 8.516, 45.992



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 47.620, 45.444



69, 59.375, 45.634



89, 53.047, 90.561



50, 4.331, 46.308



43, 77.746, 45.651



12, 29.080, 41.063

Inverse Universe

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



83, 32.598, 232.855



80, 37.033, 235.326



65, 55.924, 286.686



51, 4.098, 227.501



55, 37.393, 248.793



17, 16.632, 242.230

Previews

White Background



This preview shows how the CIELCh color 74, 48.133, 45.218 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 74, 48.133, 45.218 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 74, 48.133, 45.218

Background



This preview shows how black text looks on a background with the CIELCh color 74, 48.133, 45.218.



This preview shows how white text looks on a background with the CIELCh color 74, 48.133, 45.218.

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

74, 47.661, 45.389

Protanopia

74, 27.418, 95.382

Deuteranopia

74, 36.143, 74.986



Tritanopia
74, 41.222, 15.441

Trichromacy



Original Color
74, 47.661, 45.389

Protanomaly
74, 30.919, 70.863

Deuteranomaly
74, 38.903, 62.574

Tritanomaly
74, 41.805, 27.593

Monochromacy



Original Color
74, 47.661, 45.389

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 16.037, 46.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 48.133, 45.218 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, 156, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 121)  
}
```

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, 156, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 48.133, 45.218 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, 156, 121) }
```

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

```
.border{ border-color:rgb(255, 156, 121) }
```

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

Here you see how a box with a 4 pixel rgb(255, 156, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 48.133, 45.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 121) }
```

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

```
.background{ background-color: rgb(255,  
156, 121) }
```

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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