

Converting Colors

CIELCh(74, 5.642, 359.495)

Have a look what the booklet for
CIELCh(74, 5.642, 359.495) contains.

CIELCh(74, 5.520, 2.748)	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, 5.520, 2.748)

Conversions

Conversions Part 1

Format	Color
Hex	C1B3B6
RGB	193, 179, 182
RGB Percent	76%, 70%, 71%
CMY	0.2449, 0.2997, 0.2880
CMYK	0.00, 0.07, 0.06, 0.24
HSL	347°, 10%, 73%
HSV	347°, 7%, 76%
XYZ	46.3105, 46.7039, 50.5929
YIQ	183.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

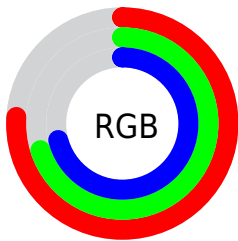
Format	Color
R_{YB}	193, 179, 182
Decimal	12694454
CIE _{Lab}	74.00, 5.51, 0.26
CIE _{LCh}	74, 5.520, 2.748
Yxy	46.7039, 0.3225, 0.3252
Android (android.graphics.Color)	4290884534 (0xFFC1B3B6)
YUV	183.5280, -0.7533, 8.3069
Hunter-Lab	68.3403, 1.3643, 3.9453

Details

The CIELCh color $74, 5.520, 2.748$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 5.367, 181.626$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 5.241, 2.575$, and $54, 5.506, 1.722$ is the 20% darker color. If you saturate the color by 10%, you get $69, 13.443, 3.864$, and if you desaturate by 10%, it is $79, 2.017, 182.193$.

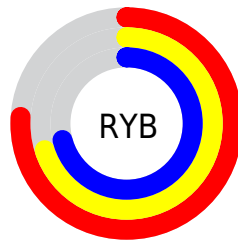
Distribution



Red (76%)

Green (70%)

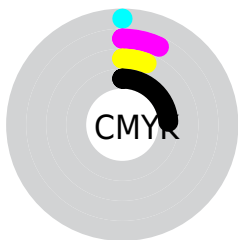
Blue (71%)



Red (76%)

Yellow (70%)

Blue (71%)

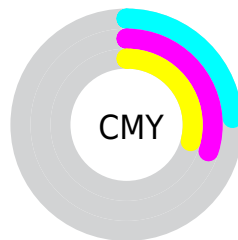


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.520, 2.748 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, 5.520, 2.748 by changing the saturation by 10% instead.

■ 74, 5.520, 2.748

■ 74, 5.520, 2.748

■ 100, 5.520, 2.748

■ 64, 5.520, 2.748

■ 94, 5.520, 2.748

■ 54, 5.520, 2.748

■ 44, 5.520, 2.748

■ 34, 5.520, 2.748

■ 24, 5.520, 2.748

■ 14, 5.520, 2.748

■ 4, 5.520, 2.748

■ 0, 5.520, 2.748

■ 74, 5.520, 2.748

■ 74, 5.520, 2.748

69, 13.443, 3.864

79, 2.017, 182.193

64, 21.715, 5.123

85, 9.155, 181.218

59, 30.235, 6.632

90, 15.911,
180.503

54, 38.828, 8.485

96, 22.026,
180.472

50, 47.231, 10.801

46, 55.113, 13.729

96, 20.343,
198.166

44, 62.152, 17.419

42, 68.166, 21.957

41, 73.261, 27.176

Harmonies

Complementary

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



74, 5.520, 2.748



77, 5.367, 181.626

Rectangle

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



74, 5.520, 2.748



74, 5.520, 52.748



74, 5.520, 182.748



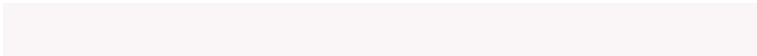
74, 5.520, 232.748

Sweetspot

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



74, 5.518, 2.762



97, 1.855, 2.040



74, 8.623, 318.601



52, 1.054, 2.014



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 5.518, 2.762



92, 8.487, 2.965



75, 4.340, 48.963



38, 4.351, 2.990



33, 64.844, 27.727



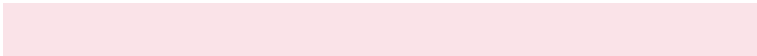
3, 14.327, 7.881

Inverse Universe

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



74, 5.518, 2.762



92, 8.487, 2.965



76, 4.174, 230.089



38, 4.351, 2.990



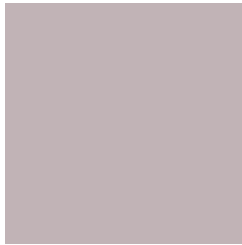
33, 64.844, 27.727



3, 14.327, 7.881

Previews

White Background



This preview shows how the CIELCh color 74, 5.520, 2.748 looks on a white background.

Color Contrast Check

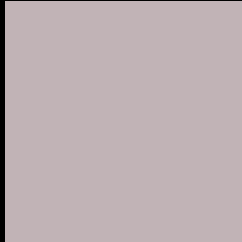
Large Text (above 18pt) WCAG AA × Fail

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, 5.520, 2.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

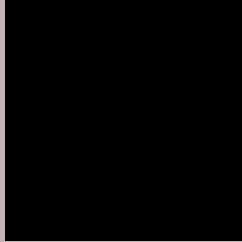
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

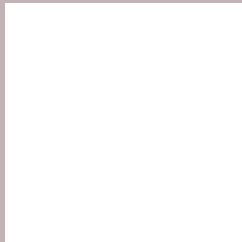
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.520, 2.748

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.520, 2.748.



This preview shows how white text looks on a background with the CIELCh color 74, 5.520, 2.748.

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, 5.520, 2.748

Protanopia

74, 1.856, 343.619

Deuteranopia

74, 9.286, 359.791



Tritanopia
74, 9.889, 330.220

Trichromacy



Original Color

74, 5.520, 2.748

Protanomaly

74, 3.195, 359.759

Deuteranomaly

74, 8.027, 0.425

Tritanomaly

74, 7.803, 336.164

Monochromacy



Original Color

74, 5.520, 2.748

Achromatopsia

74, 0.009, 296.813

Achromatomaly

74, 1.952, 3.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.520, 2.748 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(193, 179, 182)` looks like.

```
.text, #text, p{  
    color:rgb(193, 179, 182)  
}
```

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(193, 179, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 179, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.520, 2.748 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(193, 179, 182) }
```

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

```
.border{ border-color:rgb(193, 179, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 179, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 179, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 179, 182);  
box-shadow:4px 4px 4px 4px rgb(193, 179,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.520, 2.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 179, 182) }
```

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

```
.background{ background-color: rgb(193,  
179, 182) }
```

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