

Converting Colors

CIELCh(74, 5.068, 19.704)

Have a look what the booklet for
CIELCh(74, 5.068, 19.704) contains.

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Color

CIELCh(74, 4.913, 19.712)

Conversions

Conversions Part 1

Format	Color
Hex	C0B3B3
RGB	192, 179, 179
RGB Percent	75%, 70%, 70%
CMY	0.2470, 0.2980, 0.2980
CMYK	0.00, 0.07, 0.07, 0.25
HSL	0°, 9%, 73%
HSV	0°, 7%, 75%
XYZ	45.9974, 46.7039, 49.2408
YIQ	182.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

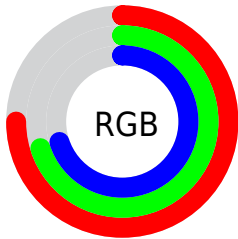
Format	Color
RYB	192, 179, 179
Decimal	12628915
CIELab	74.00, 4.63, 1.66
CIELCh	74, 4.913, 19.712
Yxy	46.7039, 0.3241, 0.3290
Android (android.graphics.Color)	4290818995 (0xFFC0B3B3)
YUV	182.8870, -1.9163, 7.9921
Hunter-Lab	68.3403, 0.5466, 5.1183

Details

The CIELCh color **74, 4.913, 19.712** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 4.709, 199.171**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 4.656, 19.589**, and **54, 5.262, 19.900** is the 20% darker color. If you saturate the color by 10%, you get **69, 12.652, 20.546**, and if you desaturate by 10%, it is **79, 2.251, 199.497**.

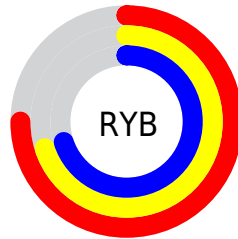
Distribution



Red (75%)

Green (70%)

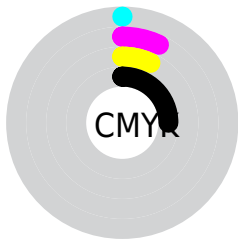
Blue (70%)



Red (75%)

Yellow (70%)

Blue (70%)

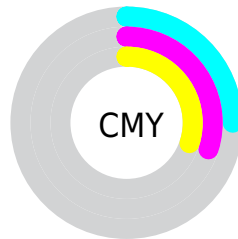


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 4.913, 19.712 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, 4.913, 19.712 by changing the saturation by 10% instead.

 74, 4.913, 19.712  74, 4.913, 19.712

 100, 4.913, 19.712  64, 4.913, 19.712


 94, 4.913, 19.712  54, 4.913, 19.712


 44, 4.913, 19.712

 34, 4.913, 19.712

 24, 4.913, 19.712

 14, 4.913, 19.712

 4, 4.913, 19.712

 0, 4.913, 19.712

 74, 4.913, 19.712  74, 4.913, 19.712

69, 12.652, 20.546

79, 2.251, 199.497

63, 20.989, 21.530

85, 8.878, 198.861

58, 29.896, 22.799

91, 15.021,
198.471

54, 39.282, 24.452

96, 20.508,
198.155

50, 48.969, 26.600

46, 58.685, 29.333

43, 68.051, 32.637

41, 76.447, 36.187

40, 82.629, 39.100

Harmonies

Complementary

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



74, 4.913, 19.712



77, 4.709, 199.171

Rectangle

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



74, 4.913, 19.712



74, 4.913, 69.712



74, 4.913, 199.712



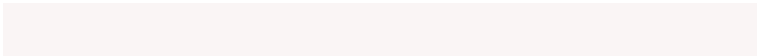
74, 4.913, 249.712

Sweetspot

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



74, 4.912, 19.733



97, 1.765, 19.179



74, 8.551, 324.780



52, 1.003, 19.153



99, 0.012, 296.813



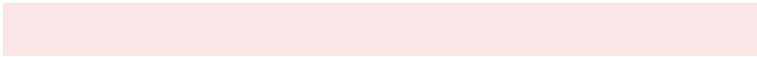
52, 0.007, 296.813

Same Dimension

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



74, 4.912, 19.733



93, 7.227, 19.842



76, 4.250, 74.521



38, 4.186, 19.941



33, 73.724, 39.727



3, 13.997, 19.419

Inverse Universe

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



77, 4.709, 199.171



97, 6.870, 199.081



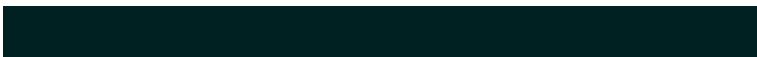
75, 4.192, 256.357



40, 3.948, 199.003



60, 35.462, 196.425



11, 12.440, 196.422

Previews

White Background



This preview shows how the CIELCh color 74, 4.913, 19.712 looks on a white background.

Color Contrast Check

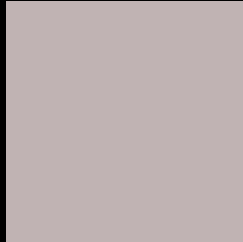
Large Text (above 18pt) WCAG AA × Fail

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 74, 4.913, 19.712 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

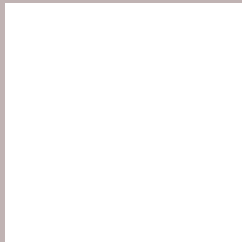
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 4.913, 19.712

Background



This preview shows how black text looks on a background with the CIELCh color 74, 4.913, 19.712.



This preview shows how white text looks on a background with the CIELCh color 74, 4.913, 19.712.

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, 4.913, 19.712

Protanopia

74, 1.585, 39.099

Deuteranopia

74, 9.370, 6.886



Tritanopia
74, 9.889, 330.220

Trichromacy



Original Color
74, 4.913, 19.712

Protanomaly
74, 3.006, 19.485

Deuteranomaly
74, 7.754, 7.984

Tritanomaly
74, 7.441, 339.164

Monochromacy



Original Color
74, 4.913, 19.712

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.494, 19.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 4.913, 19.712 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(192, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 179)  
}
```

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(192, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 4.913, 19.712 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(192, 179, 179) }
```

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

```
.border{ border-color:rgb(192, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 4.913, 19.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 179) }
```

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

```
.background{ background-color: rgb(192,  
179, 179) }
```

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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