

Converting Colors

CIELCh(74, 11.130, 66.340)

Have a look what the booklet for
CIELCh(74, 11.130, 66.340) contains.

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Color

CIELCh(74, 11.422, 68.571)

Conversions

Conversions Part 1

Format	Color
Hex	C6B3A3
RGB	198, 179, 163
RGB Percent	78%, 70%, 64%
CMY	0.2248, 0.2993, 0.3620
CMYK	0.00, 0.10, 0.18, 0.22
HSL	27°, 23%, 71%
HSV	27°, 18%, 78%
XYZ	45.8387, 46.7039, 41.0993
YIQ	182.8570, 16.4600, -0.9480

Conversions

Conversions Part 2

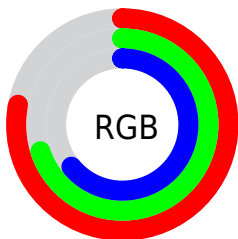
Format	Color
RYB	198, 192, 163
Decimal	13022115
CIELab	74.00, 4.17, 10.63
CIELCh	74, 11.422, 68.571
Yxy	46.7039, 0.3430, 0.3495
Android (android.graphics.Color)	4291212195 (0xFFC6B3A3)
YUV	182.8570, -9.7895, 13.2804
Hunter-Lab	68.3403, 0.1320, 12.1817

Details

The CIELCh color **74, 11.422, 68.571** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 10.776, 253.048**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 11.434, 69.163**, and **54, 11.556, 67.750** is the 20% darker color. If you saturate the color by 10%, you get **71, 18.370, 67.439**, and if you desaturate by 10%, it is **77, 4.836, 69.691**.

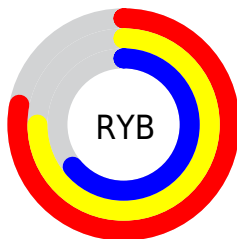
Distribution



Red (78%)

Green (70%)

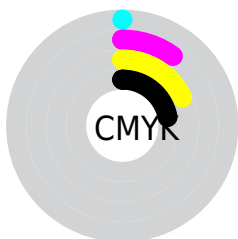
Blue (64%)



Red (78%)

Yellow (75%)

Blue (64%)

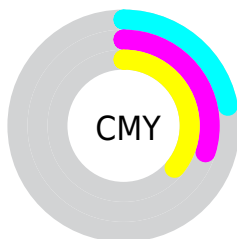


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (22%)



Cyan (22%)

Magenta (30%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 11.422, 68.571 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, 11.422, 68.571 by changing the saturation by 10% instead.

 74, 11.422, 68.571

 74, 11.422, 68.571

 100, 11.422,
68.571

 64, 11.422, 68.571

 94, 11.422, 68.571

 54, 11.422, 68.571

 44, 11.422, 68.571

 34, 11.422, 68.571

 24, 11.422, 68.571

 14, 11.422, 68.571

 4, 11.422, 68.571

 0, 11.422, 68.571

 74, 11.422, 68.571

 74, 11.422, 68.571

71, 18.370, 67.439

77, 4.836, 69.691

68, 25.701, 66.293

81, 1.418, 251.197

65, 33.412, 65.153

84, 7.373, 252.094

62, 41.452, 64.013

87, 13.064,
253.165

59, 49.676, 62.834

90, 16.073,
246.258

56, 57.751, 61.518

54, 65.015, 59.845

93, 15.913,
221.485

52, 70.583, 57.519

96, 18.398,
200.257

51, 71.820, 57.020

96, 18.810,
198.263

Harmonies

Complementary

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



74, 11.422, 68.571



73, 10.776, 253.048

Rectangle

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



74, 11.422, 68.571



74, 11.422, 118.571



74, 11.422, 248.571



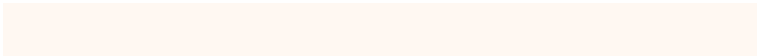
74, 11.422, 298.571

Sweetspot

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



74, 11.422, 68.583



98, 3.833, 69.949



70, 16.845, 342.485



52, 2.621, 69.883



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, 11.422, 68.583



92, 16.829, 68.170



78, 17.655, 106.329



40, 3.596, 69.512



42, 62.076, 57.593



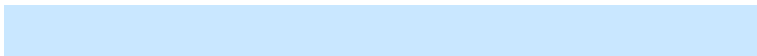
7, 12.975, 52.500

Inverse Universe

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



73, 10.776, 253.048



90, 15.665, 253.623



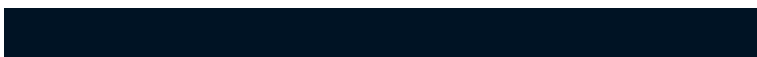
68, 18.306, 290.120



40, 3.497, 251.880



37, 47.019, 279.061



5, 13.338, 266.297

Previews

White Background



This preview shows how the CIELCh color 74, 11.422, 68.571 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, 11.422, 68.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

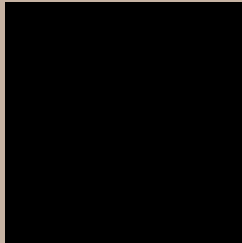
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 11.422, 68.571

Background



This preview shows how black text looks on a background with the CIELCh color 74, 11.422, 68.571.



This preview shows how white text looks on a background with the CIELCh color 74, 11.422, 68.571.

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, 11.422, 68.571

Protanopia

74, 9.669, 90.527

Deuteranopia

74, 13.903, 47.848



Tritanopia
74, 12.329, 342.658

Trichromacy



Original Color
74, 11.422, 68.571

Protanomaly
74, 9.811, 80.864

Deuteranomaly
74, 12.788, 53.186

Tritanomaly
74, 9.277, 10.137

Monochromacy



Original Color
74, 11.422, 68.571

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.765, 65.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 11.422, 68.571 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(198, 179, 163)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 163)  
}
```

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(198, 179, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 11.422, 68.571 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(198, 179, 163) }
```

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

```
.border{ border-color:rgb(198, 179, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 163);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 11.422, 68.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 163) }
```

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

```
.background{ background-color: rgb(198,  
179, 163) }
```

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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