

Converting Colors

CIELCh(74, 20.360, 130.722)

Have a look what the booklet for
CIELCh(74, 20.360, 130.722)
contains.

CIELCh(74, 20.380, 130.718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 20.380, 130.718)

Conversions

Conversions Part 1

Format	Color
Hex	A8BC99
RGB	168, 188, 153
RGB Percent	66%, 74%, 60%
CMY	0.3404, 0.2619, 0.3992
CMYK	0.11, 0.00, 0.19, 0.26
HSL	94°, 21%, 67%
HSV	94°, 19%, 74%
XYZ	39.9814, 46.7039, 37.1279
YIQ	178.0300, -0.6850, -15.1250

Conversions

Conversions Part 2

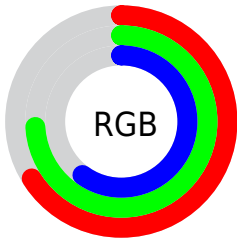
Format	Color
RYB	153, 188, 173
Decimal	11058329
CIELab	74.00, -13.29, 15.45
CIELCh	74, 20.380, 130.718
Yxy	46.7039, 0.3229, 0.3772
Android (android.graphics.Color)	4289248409 (0xFFA8BC99)
YUV	178.0300, -12.3398, -8.7963
Hunter-Lab	68.3403, -15.1668, 15.6272

Details

The CIELCh color $74, 20.380, 130.718$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $66, 20.817, 312.327$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 20.488, 130.736$, and $54, 20.444, 130.618$ is the 20% darker color. If you saturate the color by 10%, you get $73, 31.311, 130.240$, and if you desaturate by 10%, it is $75, 9.405, 131.179$.

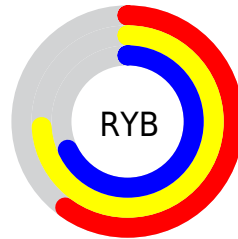
Distribution



Red (66%)

Green (74%)

Blue (60%)



Red (60%)

Yellow (74%)

Blue (68%)

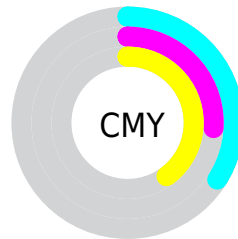


Cyan (11%)

Magenta (0%)

Yellow (19%)

Black (26%)



Cyan (34%)


Magenta (26%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 20.380, 130.718 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, 20.380, 130.718 by changing the saturation by 10% instead.


 74, 20.380,
130.718

 74, 20.380,
130.718


 100, 20.380,
130.718


 64, 20.380,
130.718


 94, 20.380,
130.718

 54, 20.380,
130.718

 44, 20.380,
130.718

 34, 20.380,
130.718

 24, 20.380,
130.718

 14, 20.380,
130.718

 4, 20.380, 130.718

0, 20.380, 130.718

74, 20.380,
130.718

74, 20.380,
130.718

73, 31.311,
130.240

75, 9.405, 131.179

72, 42.073,
129.753

77, 1.534, 311.494

71, 52.494,
129.292

78, 12.373,
311.949

70, 62.329,
128.911

79, 23.071,
312.292

69, 71.237,
128.695

81, 33.597,
312.595

69, 78.779,
128.757

82, 38.572,
315.797

83, 40.023,

■ 68, 84.504,
129.225

320.824

■ 68, 88.314,
130.112

■ 84, 41.745,
325.554

■ 68, 88.793,
130.232

■ 84, 41.876,
325.876

Harmonies

Complementary

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



74, 20.380, 130.718



66, 20.817, 312.327

Rectangle

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



74, 20.380, 130.718



74, 20.380, 180.718



74, 20.380, 310.718



74, 20.380, 0.718

Sweetspot

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



74, 20.382, 130.720



95, 8.113, 131.293



72, 12.355, 79.894



51, 5.381, 131.263



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 20.382, 130.720



93, 29.845, 130.542



73, 22.181, 145.098



39, 6.211, 131.145



58, 77.878, 130.024



9, 19.520, 135.223

Inverse Universe

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



66, 20.817, 312.327



81, 30.613, 312.503



67, 22.210, 327.321



37, 6.283, 311.906



26, 85.876, 313.777



2, 18.318, 307.535

Previews

White Background



This preview shows how the CIELCh color 74, 20.380, 130.718 looks on a white background.

Color Contrast Check

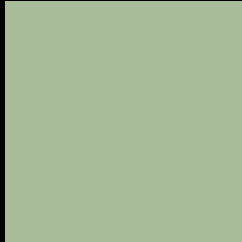
Large Text (above 18pt) WCAG AA × Fail

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, 20.380, 130.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

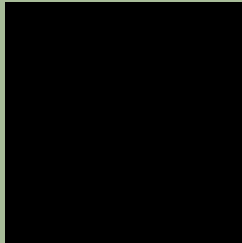
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

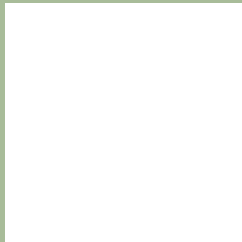
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 20.380, 130.718

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.380, 130.718.



This preview shows how white text looks on a background with the CIELCh color 74, 20.380, 130.718.

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](#).

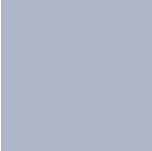
Dichromacy



Original Color
74, 20.380, 130.718

Protanopia
74, 17.263, 93.780

Deuteranopia
74, 16.840, 57.432



Tritanopia
74, 8.448, 273.801

Trichromacy



Original Color
74, 20.380, 130.718

Protanomaly
74, 17.729, 109.740

Deuteranomaly
74, 14.589, 86.454

Tritanomaly
74, 4.388, 177.443

Monochromacy



Original Color
74, 20.380, 130.718

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.681, 132.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.380, 130.718 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(168, 188, 153)` looks like.

```
.text, #text, p{  
    color:rgb(168, 188, 153)  
}
```

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(168, 188, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 188, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.380, 130.718 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(168, 188, 153) }
```

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

```
.border{ border-color:rgb(168, 188, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 188, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 188, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 188, 153);  
box-shadow:4px 4px 4px 4px rgb(168, 188,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.380, 130.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 188, 153) }
```

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

```
.background{ background-color: rgb(168,  
188, 153) }
```

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