

Converting Colors

CIELCh(74, 5.202, 178.876)

Have a look what the booklet for
CIELCh(74, 5.202, 178.876) contains.

CIELCh(74, 5.281, 174.877)	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, 5.281, 174.877)

Conversions

Conversions Part 1

Format	Color
Hex	ACB9B5
RGB	172, 185, 181
RGB Percent	67%, 73%, 71%
CMY	0.3262, 0.2752, 0.2909
CMYK	0.07, 0.00, 0.02, 0.28
HSL	162°, 8%, 70%
HSV	162°, 7%, 72%
XYZ	42.6094, 46.7039, 50.3904
YIQ	180.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

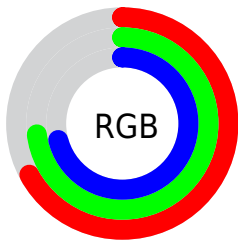
Format	Color
RYB	172, 180, 185
Decimal	11319733
CIELab	74.00, -5.26, 0.47
CIELCh	74, 5.281, 174.877
Yxy	46.7039, 0.3050, 0.3343
Android (android.graphics.Color)	4289509813 (0xFFACB9B5)
YUV	180.6570, 0.1691, -7.5922
Hunter-Lab	68.3403, -8.3027, 4.1209

Details

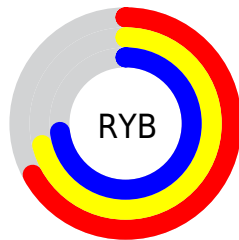
The CIELCh color $74, 5.281, 174.877$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 5.390, 355.987$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 5.347, 176.528$, and $54, 5.262, 172.955$ is the 20% darker color. If you saturate the color by 10%, you get $73, 12.695, 173.859$, and if you desaturate by 10%, it is $76, 2.244, 355.476$.

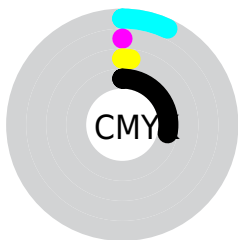
Distribution



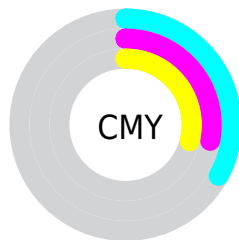
- Red (67%)
- Green (73%)
- Blue (71%)



- Red (67%)
- Yellow (71%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.281, 174.877 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, 5.281, 174.877 by changing the saturation by 10% instead.

■ 74, 5.281, 174.877

■ 74, 5.281, 174.877

■ 100, 5.281,
174.877

■ 64, 5.281, 174.877

■ 94, 5.281, 174.877

■ 54, 5.281, 174.877

■ 44, 5.281, 174.877

■ 34, 5.281, 174.877

■ 24, 5.281, 174.877

■ 14, 5.281, 174.877

■ 4, 5.281, 174.877

■ 0, 5.281, 174.877

■ 74, 5.281, 174.877

■ 74, 5.281, 174.877

73, 12.695,
173.859

76, 2.244, 355.476

71, 19.894,
172.814

77, 9.800, 356.472

70, 26.763,
171.684

79, 17.321,
357.289

69, 33.178,
170.445

81, 24.757,
358.055

68, 39.019,
169.074

82, 28.931,
355.635

68, 44.181,
167.547

82, 30.141,
350.386

67, 48.593,
165.840

82, 31.601,
345.607

67, 52.238,
163.936

83, 33.278,
341.308

67, 55.191,

83, 35.138,
337.473

161.849

Harmonies

Complementary

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



74, 5.281, 174.877



71, 5.390, 355.987

Rectangle

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



74, 5.281, 174.877



74, 5.281, 224.877



74, 5.281, 354.877



74, 5.281, 44.877

Sweetspot

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



74, 5.283, 174.866



94, 1.856, 175.529



74, 7.801, 134.932



50, 1.054, 175.555



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



74, 5.283, 174.866



93, 7.417, 174.753



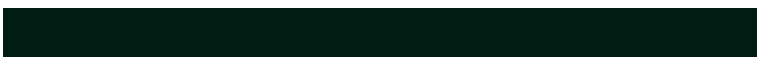
73, 4.060, 217.820



38, 4.226, 174.631



57, 49.066, 161.554



8, 12.570, 167.981

Inverse Universe

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



71, 5.390, 355.987



90, 7.589, 356.105



72, 4.238, 37.358



36, 4.338, 356.233



32, 60.151, 19.570



2, 11.238, 1.355

Previews

White Background



This preview shows how the CIELCh color 74, 5.281, 174.877 looks on a white background.

Color Contrast Check

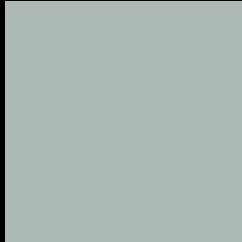
Large Text (above 18pt) WCAG AA × Fail

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, 5.281, 174.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

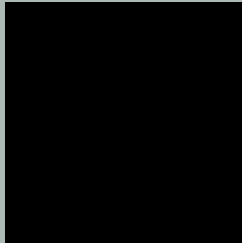
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

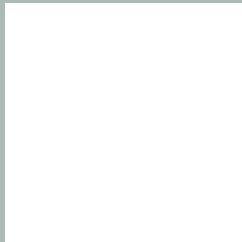
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.281, 174.877

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.281, 174.877.



This preview shows how white text looks on a background with the CIELCh color 74, 5.281, 174.877.

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, 5.281, 174.877

Protanopia

74, 2.154, 49.343

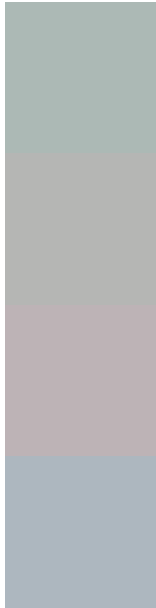
Deuteranopia

74, 9.475, 356.719



Tritanopia
74, 8.551, 271.531

Trichromacy



Original Color
74, 5.281, 174.877

Protanomaly
74, 1.139, 129.118

Deuteranomaly
74, 4.098, 356.335

Tritanomaly
74, 5.577, 250.381

Monochromacy



Original Color
74, 5.281, 174.877

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 2.157, 169.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.281, 174.877 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(172, 185, 181)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 181)  
}
```

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(172, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.281, 174.877 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(172, 185, 181) }
```

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

```
.border{ border-color:rgb(172, 185, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.281, 174.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 181) }
```

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

```
.background{ background-color: rgb(172,  
185, 181) }
```

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