

Converting Colors

CIELCh(74, 5.911, 217.681)

Have a look what the booklet for
CIELCh(74, 5.911, 217.681) contains.

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Color

CIELCh(74, 5.963, 214.890)

Conversions

Conversions Part 1

Format	Color
Hex	A9B9BC
RGB	169, 185, 188
RGB Percent	66%, 73%, 74%
CMY	0.3377, 0.2749, 0.2632
CMYK	0.10, 0.02, 0.00, 0.26
HSL	189°, 12%, 70%
HSV	189°, 10%, 74%
XYZ	42.7327, 46.7039, 54.2803
YIQ	180.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

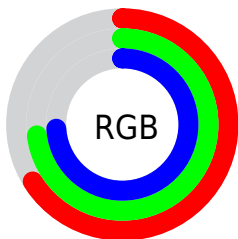
Format	Color
R _Y B	169, 178, 188
Decimal	11123132
CIE Lab	74.00, -4.89, -3.41
CIE LCh	74, 5.963, 214.890
Yxy	46.7039, 0.2973, 0.3250
Android (android.graphics.Color)	4289313212 (0xFFA9B9BC)
YUV	180.5580, 3.6689, -10.1364
Hunter-Lab	68.3403, -7.9807, 0.7462

Details

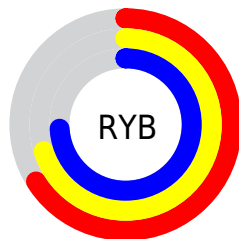
The CIELCh color **74, 5.963, 214.890** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 6.360, 34.628**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 6.037, 213.989**, and **54, 5.923, 215.944** is the 20% darker color. If you saturate the color by 10%, you get **72, 11.523, 215.041**, and if you desaturate by 10%, it is **76, 0.069, 222.319**.

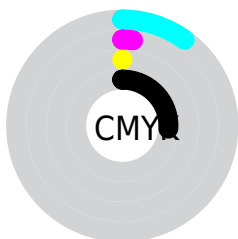
Distribution



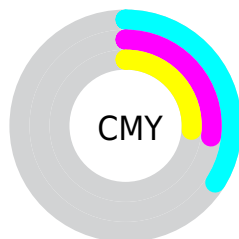
- Red (66%)
- Green (73%)
- Blue (74%)



- Red (66%)
- Yellow (70%)
- Blue (74%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.963, 214.890 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, 5.963, 214.890 by changing the saturation by 10% instead.

■ 74, 5.963, 214.890

■ 74, 5.963, 214.890

■ 100, 5.963,
214.890

■ 64, 5.963, 214.890

■ 94, 5.963, 214.890

■ 54, 5.963, 214.890

■ 44, 5.963, 214.890

■ 34, 5.963, 214.890

■ 24, 5.963, 214.890

■ 14, 5.963, 214.890

■ 4, 5.963, 214.890

■ 0, 5.963, 214.890

■ 74, 5.963, 214.890

■ 74, 5.963, 214.890

72, 11.523,
215.041

76, 0.069, 222.319

70, 16.659,
215.391

78, 6.084, 34.612

68, 21.279,
215.943

81, 12.429, 34.731

66, 25.290,
216.740

85, 22.447, 36.784

65, 28.609,
217.838

86, 21.866, 41.295

63, 31.178,
219.300

86, 21.432, 46.023

62, 32.983,
221.194

87, 21.153, 50.909

61, 34.062,
223.582

88, 21.035, 55.884

60, 34.615,

Harmonies

Complementary

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



74, 5.963, 214.890



72, 6.360, 34.628

Rectangle

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



74, 5.963, 214.890



74, 5.963, 264.890



74, 5.963, 34.890



74, 5.963, 84.890

Sweetspot

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



74, 5.963, 214.873



96, 2.233, 214.998



74, 11.309, 148.233



51, 1.688, 214.944



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, 5.963, 214.873



93, 8.725, 214.891



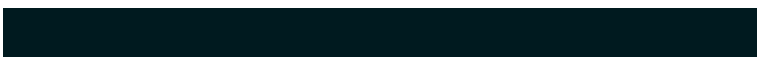
72, 7.102, 271.128



39, 3.361, 214.869



51, 30.469, 225.936



7, 9.689, 221.096

Inverse Universe

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



71, 11.275, 329.673



89, 16.609, 329.804



74, 7.120, 88.483



37, 6.338, 329.626



36, 71.578, 335.589



3, 18.379, 331.985

Previews

White Background



This preview shows how the CIELCh color 74, 5.963, 214.890 looks on a white background.

Color Contrast Check

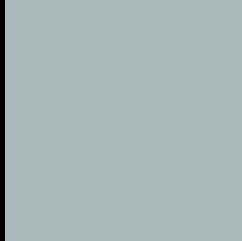
Large Text (above 18pt) WCAG AA × Fail

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, 5.963, 214.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

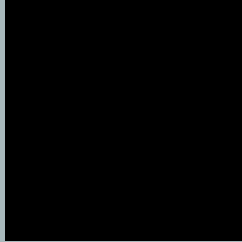
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

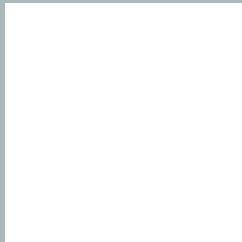
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.963, 214.890

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.963, 214.890.



This preview shows how white text looks on a background with the CIELCh color 74, 5.963, 214.890.

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, 5.963, 214.890

Protanopia

74, 2.453, 317.311

Deuteranopia

74, 10.644, 334.949



Tritanopia
74, 9.071, 263.095

Trichromacy



Original Color
74, 5.963, 214.890

Protanomaly
74, 2.419, 263.334

Deuteranomaly
74, 6.035, 315.922

Tritanomaly
74, 7.274, 247.417

Monochromacy



Original Color
74, 5.963, 214.890

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 2.267, 213.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.963, 214.890 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(169, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 185, 188)  
}
```

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(169, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 185, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.963, 214.890 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(169, 185, 188) }
```

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

```
.border{ border-color:rgb(169, 185, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 185, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 185, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 185,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.963, 214.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 185, 188) }
```

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

```
.background{ background-color: rgb(169,  
185, 188) }
```

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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