

Converting Colors

CIELCh(74, 5.791, 220.887)

Have a look what the booklet for
CIELCh(74, 5.791, 220.887) contains.

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Color

CIELCh(74, 5.780, 221.132)

Conversions

Conversions Part 1

Format	Color
Hex	AAB9BD
RGB	170, 185, 189
RGB Percent	67%, 73%, 74%
CMY	0.3348, 0.2760, 0.2603
CMYK	0.10, 0.02, 0.00, 0.26
HSL	193°, 13%, 70%
HSV	193°, 10%, 74%
XYZ	42.9129, 46.7039, 54.6830
YIQ	180.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

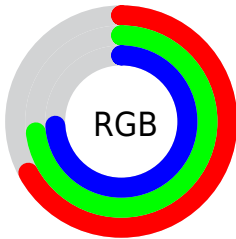
Format	Color
RYB	170, 178, 189
Decimal	11188669
CIELab	74.00, -4.35, -3.80
CIElCh	74, 5.780, 221.132
Yxy	46.7039, 0.2974, 0.3237
Android (android.graphics.Color)	4289378749 (0xFFAAB9BD)
YUV	180.9710, 3.9583, -9.6216
Hunter-Lab	68.3403, -7.5100, 0.3969

Details

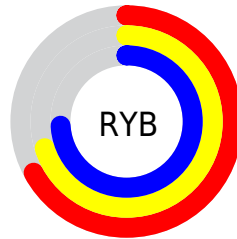
The CIELCh color **74, 5.780, 221.132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 6.148, 40.370**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 5.851, 219.812**, and **54, 5.746, 222.688** is the 20% darker color. If you saturate the color by 10%, you get **72, 11.208, 221.563**, and if you desaturate by 10%, it is **76, 0.044, 232.653**.

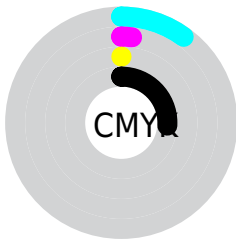
Distribution



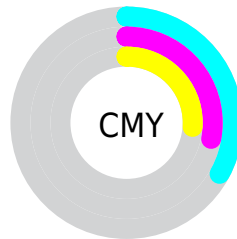
- Red (67%)
- Green (73%)
- Blue (74%)



- Red (67%)
- Yellow (70%)
- Blue (74%)



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



- Cyan (33%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.780, 221.132 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, 5.780, 221.132 by changing the saturation by 10% instead.

■ 74, 5.780, 221.132

■ 74, 5.780, 221.132

■ 100, 5.780,
221.132

■ 64, 5.780, 221.132

■ 94, 5.780, 221.132

■ 54, 5.780, 221.132

■ 44, 5.780, 221.132

■ 34, 5.780, 221.132

■ 24, 5.780, 221.132

■ 14, 5.780, 221.132

■ 4, 5.780, 221.132

■ 0, 5.780, 221.132

■ 74, 5.780, 221.132

■ 74, 5.780, 221.132

72, 11.208,
221.563

76, 0.044, 232.653

69, 16.247,
222.237

79, 5.935, 40.380

67, 20.811,
223.168

82, 12.091, 40.297

65, 24.816,
224.413

84, 18.377, 40.256

63, 28.190,
226.047

86, 21.407, 43.241

62, 30.883,
228.152

87, 20.950, 49.784

60, 32.892,
230.813

88, 20.783, 56.519

59, 34.275,
234.099

89, 20.911, 63.257

57, 35.237,

237.889

Harmonies

Complementary

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



74, 5.780, 221.132



72, 6.148, 40.370

Rectangle

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



74, 5.780, 221.132



74, 5.780, 271.132



74, 5.780, 41.132



74, 5.780, 91.132

Sweetspot

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



74, 5.780, 221.114



96, 2.165, 221.064



75, 10.897, 149.903



51, 1.637, 221.029



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, 5.780, 221.114



93, 8.467, 221.189



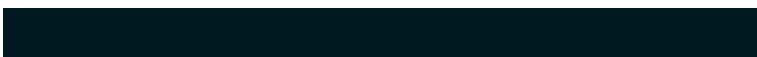
72, 7.495, 275.011



39, 3.260, 221.092



48, 30.870, 237.286



7, 9.479, 230.475

Inverse Universe

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



71, 10.851, 331.493



89, 16.003, 331.633



75, 7.472, 92.454



37, 6.107, 331.445



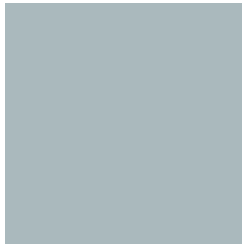
36, 68.829, 338.641



3, 17.449, 334.770

Previews

White Background



This preview shows how the CIELCh color 74, 5.780, 221.132 looks on a white background.

Color Contrast Check

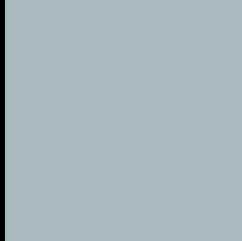
Large Text (above 18pt) WCAG AA × Fail

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, 5.780, 221.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

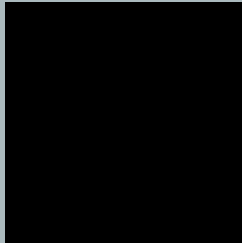
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

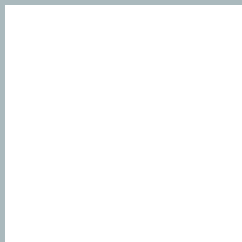
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.780, 221.132

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.780, 221.132.



This preview shows how white text looks on a background with the CIELCh color 74, 5.780, 221.132.

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, 5.780, 221.132

Protanopia

74, 2.823, 305.603

Deuteranopia

74, 10.388, 333.445



Tritanopia
74, 9.071, 263.095

Trichromacy



Original Color
74, 5.780, 221.132

Protanomaly
74, 3.060, 261.898

Deuteranomaly
74, 6.035, 315.922

Tritanomaly
74, 7.454, 252.387

Monochromacy



Original Color
74, 5.780, 221.132

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.122, 230.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.780, 221.132 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(170, 185, 189)` looks like.

```
.text, #text, p{  
    color:rgb(170, 185, 189)  
}
```

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(170, 185, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 185, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.780, 221.132 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(170, 185, 189) }
```

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

```
.border{ border-color:rgb(170, 185, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 185, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 185, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 185, 189);  
box-shadow:4px 4px 4px 4px rgb(170, 185,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.780, 221.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 185, 189) }
```

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

```
.background{ background-color: rgb(170,  
185, 189) }
```

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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