

Converting Colors

CIELCh(74, 8.418, 213.804)

Have a look what the booklet for
CIELCh(74, 8.418, 213.804) contains.

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Color

CIELCh(74, 8.418, 213.804)

Conversions

Conversions Part 1

Format	Color
Hex	A3BABE
RGB	163, 186, 190
RGB Percent	64%, 73%, 75%
CMY	0.3602, 0.2700, 0.2543
CMYK	0.14, 0.02, 0.00, 0.25
HSL	189°, 17%, 69%
HSV	189°, 14%, 75%
XYZ	42.0325, 46.7039, 55.5975
YIQ	179.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

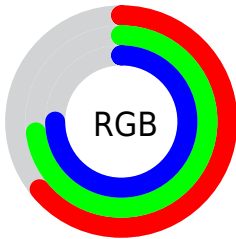
Format	Color
R_{YB}	163, 175, 190
Decimal	10730174
CIE _{Lab}	74.00, -6.99, -4.68
CIE _{LCh}	74, 8.418, 213.804
Yxy	46.7039, 0.2912, 0.3236
Android (android.graphics.Color)	4288920254 (0xFFA3BABE)
YUV	179.5790, 5.1376, -14.5398
Hunter-Lab	68.3403, -9.8097, -0.3965

Details

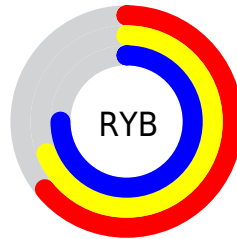
The CIELCh color **74, 8.418, 213.804** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 9.236, 33.692**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.410, 213.182**, and **54, 8.467, 214.537** is the 20% darker color. If you saturate the color by 10%, you get **72, 13.901, 213.983**, and if you desaturate by 10%, it is **76, 2.556, 213.849**.

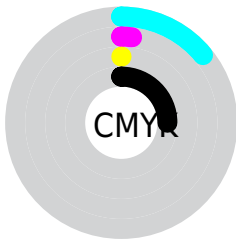
Distribution



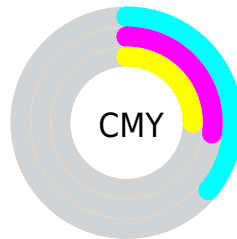
- Red (64%)
- Green (73%)
- Blue (75%)



- Red (64%)
- Yellow (69%)
- Blue (75%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.418, 213.804 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, 8.418, 213.804 by changing the saturation by 10% instead.

■ 74, 8.418, 213.804

■ 74, 8.418, 213.804

■ 100, 8.418,
213.804

■ 64, 8.418, 213.804

■ 94, 8.418, 213.804

■ 54, 8.418, 213.804

■ 44, 8.418, 213.804

■ 34, 8.418, 213.804

■ 24, 8.418, 213.804

■ 14, 8.418, 213.804

■ 4, 8.418, 213.804

■ 0, 8.418, 213.804

■ 74, 8.418, 213.804

■ 74, 8.418, 213.804

72, 13.901,
213.983

76, 2.556, 213.849

70, 18.912,
214.350

78, 3.601, 33.503

81, 9.979, 33.683

68, 23.355,
214.924

83, 16.519, 33.848

67, 27.136,
215.750

85, 21.922, 34.717

86, 21.310, 39.056

65, 30.179,
216.885

87, 20.831, 43.625

64, 32.442,
218.389

87, 20.494, 48.376

88, 20.304, 53.249

63, 33.927,
220.326

62, 34.702,
222.747

61, 34.966,

Harmonies

Complementary

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



74, 8.418, 213.804



70, 9.236, 33.692

Rectangle

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



74, 8.418, 213.804



74, 8.418, 263.804



74, 8.418, 33.804



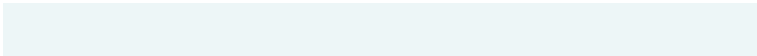
74, 8.418, 83.804

Sweetspot

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



74, 8.418, 213.793



96, 3.015, 213.855



74, 16.266, 147.412



52, 2.156, 213.825



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 8.418, 213.793



93, 12.365, 213.833



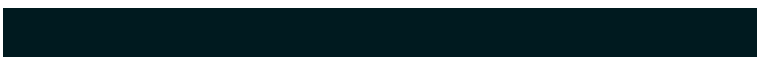
70, 9.913, 270.329



39, 3.383, 213.767



52, 30.515, 223.866



8, 9.757, 219.367

Inverse Universe

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



70, 16.135, 329.607



87, 23.945, 329.797



74, 9.993, 86.558



37, 6.382, 329.305



36, 72.107, 335.062



3, 18.558, 331.501

Previews

White Background



This preview shows how the CIELCh color 74, 8.418, 213.804 looks on a white background.

Color Contrast Check

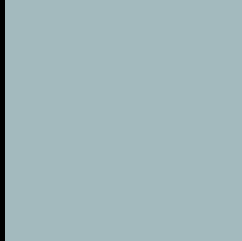
Large Text (above 18pt) WCAG AA × Fail

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, 8.418, 213.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

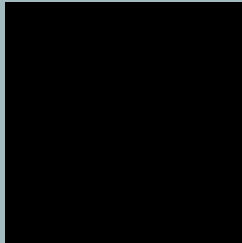
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

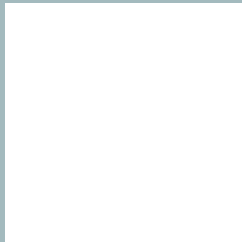
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 8.418, 213.804

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.418, 213.804.

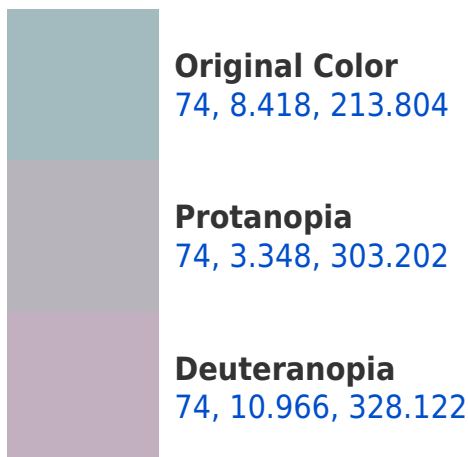


This preview shows how white text looks on a background with the CIELCh color 74, 8.418, 213.804.

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





Tritanopia
74, 10.165, 247.450

Trichromacy



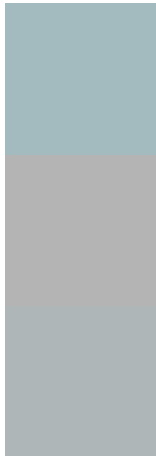
Original Color
74, 8.418, 213.804

Protanomaly
74, 3.686, 246.719

Deuteranomaly
74, 6.082, 301.114

Tritanomaly
74, 9.357, 238.668

Monochromacy



Original Color
74, 8.418, 213.804

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.109, 219.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 8.418, 213.804 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(163, 186, 190)` looks like.

```
.text, #text, p{  
    color:rgb(163, 186, 190)  
}
```

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(163, 186, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 186, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.418, 213.804 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(163, 186, 190) }
```

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

```
.border{ border-color:rgb(163, 186, 190) }
```

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

Here you see how a box with a 4 pixel rgb(163, 186, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 186, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 186, 190);  
box-shadow:4px 4px 4px 4px rgb(163, 186,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.418, 213.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 186, 190) }
```

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

```
.background{ background-color: rgb(163,  
186, 190) }
```

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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