

Converting Colors

CIELCh(74, 10.889, 250.410)

Have a look what the booklet for
CIELCh(74, 10.889, 250.410)
contains.

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Color

CIELCh(74, 10.768, 248.190)

Conversions

Conversions Part 1

Format	Color
Hex	A4B9C8
RGB	164, 185, 200
RGB Percent	64%, 73%, 78%
CMY	0.3572, 0.2749, 0.2161
CMYK	0.18, 0.08, 0.00, 0.22
HSL	205°, 25%, 71%
HSV	205°, 18%, 78%
XYZ	43.0314, 46.7039, 61.3283
YIQ	180.4310, -17.3310, 0.2130

Conversions

Conversions Part 2

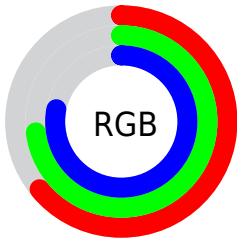
Format	Color
RYB	164, 177, 200
Decimal	10795464
CIELab	74.00, -4.00, -10.00
CIElCh	74, 10.768, 248.190
Yxy	46.7039, 0.2849, 0.3092
Android (android.graphics.Color)	4288985544 (0xFFA4B9C8)
YUV	180.4310, 9.6475, -14.4100
Hunter-Lab	68.3403, -7.2004, -5.3684

Details

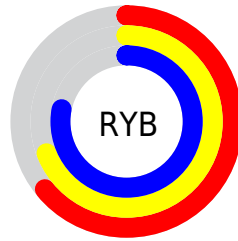
The CIELCh color `74, 10.768, 248.190` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 11.566, 63.954`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 10.200, 244.218`, and `54, 10.674, 248.299` is the 20% darker color. If you saturate the color by 10%, you get `70, 16.499, 249.796`, and if you desaturate by 10%, it is `78, 4.850, 246.886`.

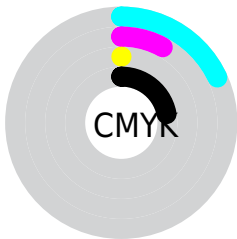
Distribution



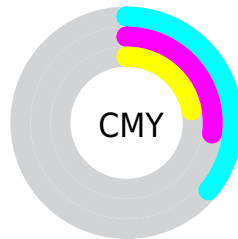
- Red (64%)
- Green (73%)
- Blue (78%)



- Red (64%)
- Yellow (69%)
- Blue (78%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)





- Cyan (36%)
- Magenta (27%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 10.768, 248.190 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, 10.768, 248.190 by changing the saturation by 10% instead.


 74, 10.768,
248.190


 74, 10.768,
248.190


 100, 10.768,
248.190


 64, 10.768,
248.190


 94, 10.768,
248.190

 54, 10.768,
248.190

 44, 10.768,
248.190

 34, 10.768,
248.190

 24, 10.768,
248.190

 14, 10.768,
248.190

 4, 10.768, 248.190

0, 10.768, 248.190

74, 10.768,
248.190

74, 10.768,
248.190

70, 16.499,
249.796

78, 4.850, 246.886

67, 22.004,
251.763

81, 1.212, 65.323

64, 27.245,
254.153

85, 7.379, 64.688

60, 32.203,
257.036

89, 13.619, 63.929

57, 36.886,
260.474

92, 17.552, 70.957

54, 41.347,
264.490

94, 19.515, 85.667

96, 22.501, 96.980

98, 26.139,
105.296

■ 51, 45.687,
269.040

■ 99, 27.784,
108.067

■ 49, 50.058,
273.931

■ 48, 50.961,
274.869

Harmonies

Complementary

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



74, 10.768, 248.190



74, 11.566, 63.954

Rectangle

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



74, 10.768, 248.190



74, 10.768, 298.190



74, 10.768, 68.190



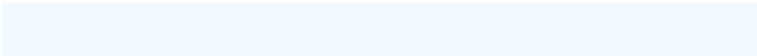
74, 10.768, 118.190

Sweetspot

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



74, 10.767, 248.182



98, 3.705, 246.587



78, 17.652, 157.205



52, 2.525, 246.653



0, 0.000, 0.000



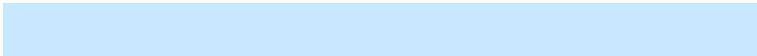
53, 0.007, 296.813

Same Dimension

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



74, 10.767, 248.182



90, 15.932, 248.838



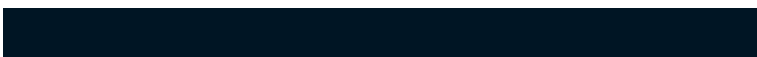
69, 17.805, 287.938



40, 3.415, 247.043



39, 43.298, 274.071



6, 12.721, 261.814

Inverse Universe

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



71, 17.692, 340.824



86, 26.408, 341.205



79, 17.245, 103.915



39, 5.508, 340.093



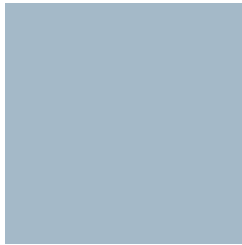
35, 62.243, 354.003



4, 18.800, 347.827

Previews

White Background



This preview shows how the CIELCh color 74, 10.768, 248.190 looks on a white background.

Color Contrast Check

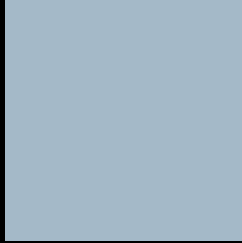
Large Text (above 18pt) WCAG AA × Fail

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, 10.768, 248.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

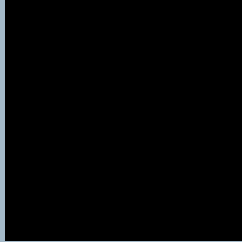
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

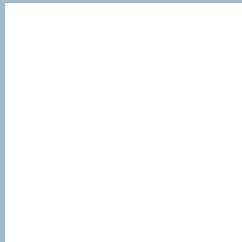
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 10.768, 248.190

Background



This preview shows how black text looks on a background with the CIELCh color 74, 10.768, 248.190.



This preview shows how white text looks on a background with the CIELCh color 74, 10.768, 248.190.

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

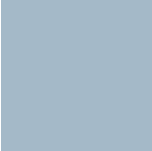
74, 10.768, 248.190

Protanopia

74, 9.219, 291.062

Deuteranopia

74, 14.402, 310.304



Tritanopia
74, 10.768, 248.190

Trichromacy



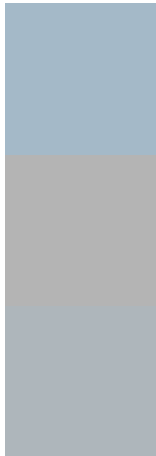
Original Color
74, 10.768, 248.190

Protanomaly
74, 9.060, 272.759

Deuteranomaly
74, 11.396, 293.049

Tritanomaly
74, 10.768, 248.190

Monochromacy



Original Color
74, 10.768, 248.190

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 3.942, 242.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 10.768, 248.190 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(164, 185, 200)` looks like.

```
.text, #text, p{  
    color:rgb(164, 185, 200)  
}
```

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(164, 185, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 185, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 10.768, 248.190 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(164, 185, 200) }
```

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

```
.border{ border-color:rgb(164, 185, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 185, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(164, 185,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 10.768, 248.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 185, 200) }
```

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

```
.background{ background-color: rgb(164,  
185, 200) }
```

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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