

Converting Colors

CIELCh(74, 10.838, 217.954)

Have a look what the booklet for
CIELCh(74, 10.838, 217.954)
contains.

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Color

CIELCh(74, 10.731, 219.481)

Conversions

Conversions Part 1

Format	Color
Hex	9EBBC2
RGB	158, 187, 194
RGB Percent	62%, 73%, 76%
CMY	0.3804, 0.2667, 0.2392
CMYK	0.19, 0.04, 0.00, 0.24
HSL	192°, 23%, 69%
HSV	192°, 19%, 76%
XYZ	41.6077, 46.7039, 57.8600
YIQ	179.1270, -19.5310, -3.9710

Conversions

Conversions Part 2

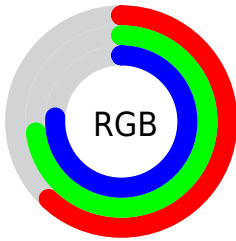
Format	Color
R_{YB}	158, 174, 194
Decimal	10402754
CIE _{Lab}	74.00, -8.28, -6.82
CIE _{LCh}	74, 10.731, 219.481
Yxy	46.7039, 0.2846, 0.3195
Android (android.graphics.Color)	4288592834 (0xFF9EBBC2)
YUV	179.1270, 7.3324, -18.5284
Hunter-Lab	68.3403, -10.9192, -2.3594

Details

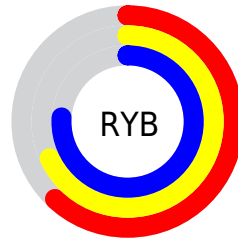
The CIELCh color **74, 10.731, 219.481** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 12.114, 38.567**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 10.653, 218.696**, and **54, 10.692, 217.461** is the 20% darker color. If you saturate the color by 10%, you get **72, 15.979, 220.017**, and if you desaturate by 10%, it is **76, 5.086, 219.145**.

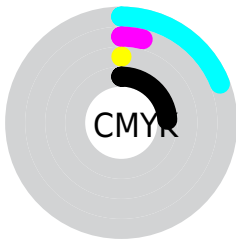
Distribution



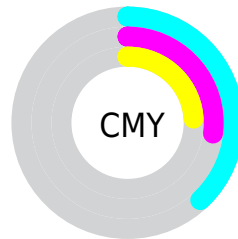
- Red (62%)
- Green (73%)
- Blue (76%)



- Red (62%)
- Yellow (68%)
- Blue (76%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)





- Cyan (38%)
- Magenta (27%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 10.731, 219.481 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, 10.731, 219.481 by changing the saturation by 10% instead.


 74, 10.731,
219.481


 74, 10.731,
219.481


 100, 10.731,
219.481


 64, 10.731,
219.481


 94, 10.731,
219.481

 54, 10.731,
219.481

 44, 10.731,
219.481

 34, 10.731,
219.481

 24, 10.731,
219.481

 14, 10.731,
219.481

 4, 10.731, 219.481

0, 10.731, 219.481

74, 10.731,
219.481

74, 10.731,
219.481

72, 15.979,
220.017

76, 5.086, 219.145

70, 20.739,
220.795

79, 0.875, 38.188

68, 24.922,
221.860

81, 7.077, 38.585

66, 28.445,
223.280

87, 19.969, 38.589

64, 31.252,
225.130

88, 19.356, 45.179

63, 33.326,
227.493

88, 19.019, 52.096

89, 18.973, 59.146

■ 61, 34.711,
230.443

■ 90, 19.219, 66.109

■ 60, 35.568,
233.963

■ 60, 35.685,
234.482

Harmonies

Complementary

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



74, 10.731, 219.481



70, 12.114, 38.567

Rectangle

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



74, 10.731, 219.481



74, 10.731, 269.481



74, 10.731, 39.481



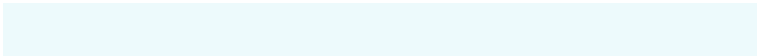
74, 10.731, 89.481

Sweetspot

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



74, 10.731, 219.472



97, 4.443, 219.114



75, 20.873, 148.695



52, 2.966, 219.119



0, 0.000, 0.000



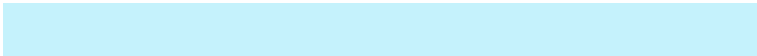
53, 0.007, 296.813

Same Dimension

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



74, 10.731, 219.472



93, 15.571, 219.654



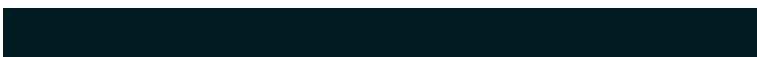
69, 13.972, 275.013



40, 3.360, 219.161



50, 30.996, 233.893



8, 10.411, 226.290

Inverse Universe

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



69, 20.783, 331.477



86, 30.541, 331.726



75, 13.976, 90.115



38, 6.314, 330.879



36, 70.453, 337.693



4, 20.139, 334.260

Previews

White Background



This preview shows how the CIE LCh color 74, 10.731, 219.481 looks on a white background.

Color Contrast Check

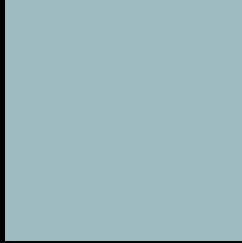
Large Text (above 18pt) WCAG AA × Fail

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, 10.731, 219.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

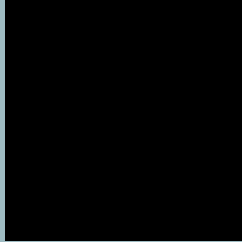
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

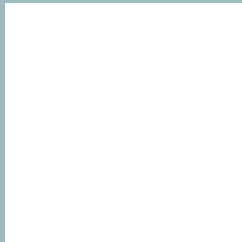
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 10.731, 219.481

Background



This preview shows how black text looks on a background with the CIELCh color 74, 10.731, 219.481.



This preview shows how white text looks on a background with the CIELCh color 74, 10.731, 219.481.

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, 10.731, 219.481

Protanopia

74, 5.485, 298.352

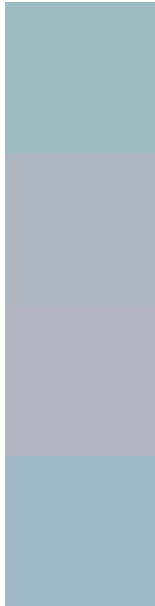
Deuteranopia

74, 12.376, 319.243



Tritanopia
74, 12.155, 240.994

Trichromacy



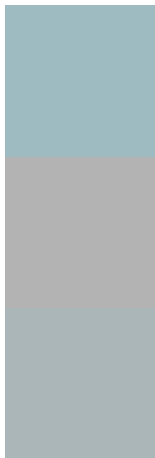
Original Color
74, 10.731, 219.481

Protanomaly
74, 5.577, 250.381

Deuteranomaly
74, 8.135, 290.961

Tritanomaly
74, 11.241, 234.302

Monochromacy



Original Color
74, 10.731, 219.481

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.140, 214.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 10.731, 219.481 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(158, 187, 194)` looks like.

```
.text, #text, p{  
    color:rgb(158, 187, 194)  
}
```

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(158, 187, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 187, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 10.731, 219.481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

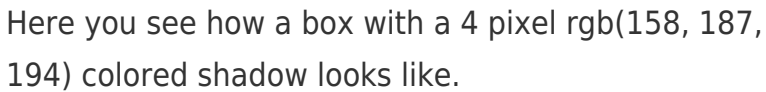
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 187, 194) }
```

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

```
.border{ border-color:rgb(158, 187, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 187, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 187, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 187, 194);  
box-shadow:4px 4px 4px 4px rgb(158, 187,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 10.731, 219.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 187, 194) }
```

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

```
.background{ background-color: rgb(158,  
187, 194) }
```

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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