

Converting Colors

CIELCh(74, 10.752, 211.502)

Have a look what the booklet for
CIELCh(74, 10.752, 211.502)
contains.

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Color

CIELCh(74, 10.801, 213.241)

Conversions

Conversions Part 1

Format	Color
Hex	9DBBC0
RGB	157, 187, 192
RGB Percent	62%, 73%, 75%
CMY	0.3830, 0.2653, 0.2457
CMYK	0.18, 0.03, 0.00, 0.25
HSL	189°, 22%, 69%
HSV	189°, 18%, 75%
XYZ	41.3612, 46.7039, 56.8985
YIQ	178.6000, -19.4850, -4.8050

Conversions

Conversions Part 2

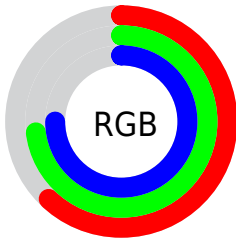
Format	Color
RYB	157, 173, 192
Decimal	10337216
CIELab	74.00, -9.03, -5.92
CIElCh	74, 10.801, 213.241
Yxy	46.7039, 0.2853, 0.3222
Android (android.graphics.Color)	4288527296 (0xFF9DBBC0)
YUV	178.6000, 6.6062, -18.9432
Hunter-Lab	68.3403, -11.5629, -1.5253

Details

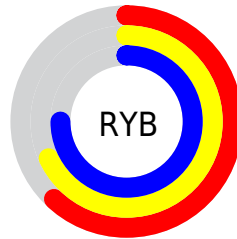
The CIELCh color **74, 10.801, 213.241** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 12.197, 33.256**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 10.730, 212.746**, and **54, 10.901, 213.854** is the 20% darker color. If you saturate the color by 10%, you get **72, 16.174, 213.461**, and if you desaturate by 10%, it is **76, 5.006, 213.181**.

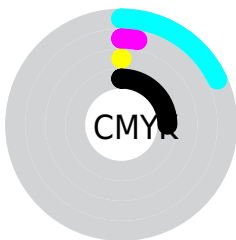
Distribution



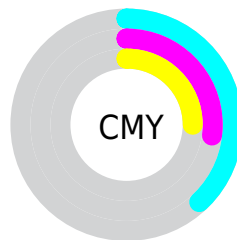
- Red (62%)
- Green (73%)
- Blue (75%)



- Red (62%)
- Yellow (68%)
- Blue (75%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)





- Cyan (38%)
- Magenta (27%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 10.801, 213.241 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, 10.801, 213.241 by changing the saturation by 10% instead.


 74, 10.801,
213.241


 74, 10.801,
213.241


 100, 10.801,
213.241


 64, 10.801,
213.241


 94, 10.801,
213.241

 54, 10.801,
213.241

 44, 10.801,
213.241

 34, 10.801,
213.241

 24, 10.801,
213.241

 14, 10.801,
213.241

 4, 10.801, 213.241

0, 10.801, 213.241

74, 10.801,
213.241

74, 10.801,
213.241

72, 16.174,
213.461

76, 5.006, 213.181

70, 21.027,
213.871

78, 1.122, 32.592

80, 7.504, 33.078

69, 25.263,
214.498

83, 14.072, 33.253

67, 28.792,
215.392

85, 20.771, 33.454

86, 20.714, 37.453

66, 31.548,
216.606

87, 20.202, 42.010

64, 33.503,
218.204

87, 19.828, 46.771

■ 63, 34.684,
220.242

■ 88, 19.598, 51.677

■ 62, 35.227,
222.730

■ 62, 35.307,
223.194

Harmonies

Complementary

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



74, 10.801, 213.241



69, 12.197, 33.256

Rectangle

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



74, 10.801, 213.241



74, 10.801, 263.241



74, 10.801, 33.241



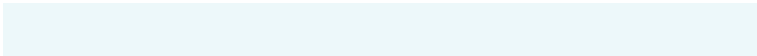
74, 10.801, 83.241

Sweetspot

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



74, 10.801, 213.233



97, 3.805, 213.234



75, 21.074, 147.112



51, 2.591, 213.215



99, 0.012, 296.813



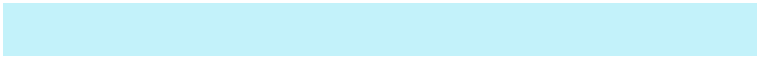
52, 0.007, 296.813

Same Dimension

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



74, 10.801, 213.233



93, 15.934, 213.307



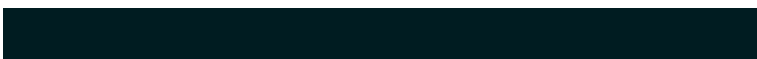
69, 12.851, 270.952



40, 3.471, 213.174



53, 30.915, 222.788



9, 10.741, 216.898

Inverse Universe

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



69, 20.983, 329.680



85, 31.398, 329.936



74, 12.995, 86.043



38, 6.548, 329.135



37, 73.243, 334.790



4, 21.168, 331.787

Previews

White Background



This preview shows how the CIELCh color 74, 10.801, 213.241 looks on a white background.

Color Contrast Check

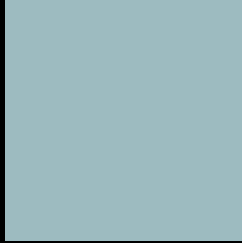
Large Text (above 18pt) WCAG AA × Fail

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, 10.801, 213.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

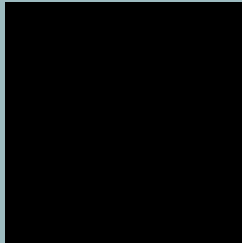
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 10.801, 213.241

Background



This preview shows how black text looks on a background with the CIELCh color 74, 10.801, 213.241.

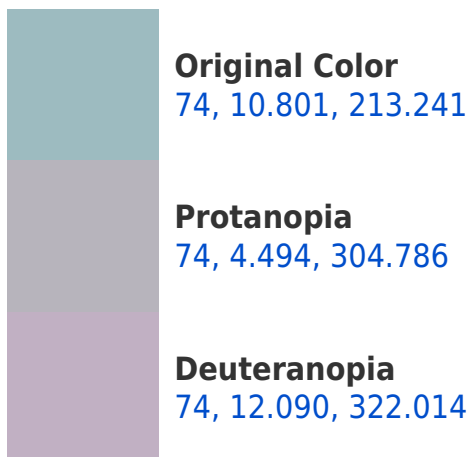


This preview shows how white text looks on a background with the CIELCh color 74, 10.801, 213.241.

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](#).

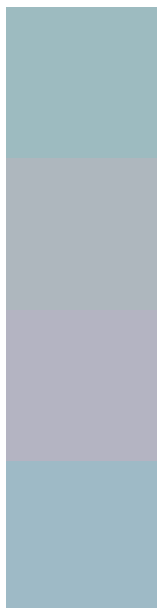
Dichromacy





Tritanopia
74, 12.155, 240.994

Trichromacy



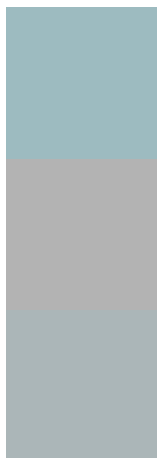
Original Color
74, 10.801, 213.241

Protanomaly
74, 4.947, 249.437

Deuteranomaly
74, 7.594, 290.910

Tritanomaly
74, 11.512, 233.334

Monochromacy



Original Color
74, 10.801, 213.241

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, 10.801, 213.241 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(157, 187, 192)` looks like.

```
.text, #text, p{  
    color:rgb(157, 187, 192)  
}
```

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(157, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 187, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 10.801, 213.241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

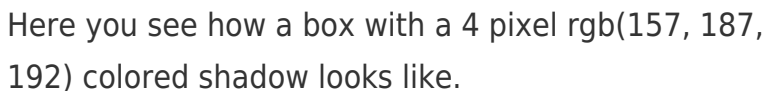
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 187, 192) }
```

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

```
.border{ border-color:rgb(157, 187, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(157, 187,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 10.801, 213.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 187, 192) }
```

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

```
.background{ background-color: rgb(157,  
187, 192) }
```

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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