

Converting Colors

CIELCh(74, 10.902, 237.625)

Have a look what the booklet for
CIELCh(74, 10.902, 237.625)
contains.

CIELCh(74, 10.708, 236.392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 10.708, 236.392)

Conversions

Conversions Part 1

Format	Color
Hex	A1BAC6
RGB	161, 186, 198
RGB Percent	63%, 73%, 78%
CMY	0.3691, 0.2710, 0.2240
CMYK	0.19, 0.06, 0.00, 0.22
HSL	199°, 24%, 70%
HSV	199°, 19%, 78%
XYZ	42.3870, 46.7039, 60.1341
YIQ	179.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

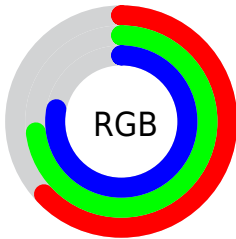
Format	Color
R_{YB}	161, 176, 198
Decimal	10599110
CIE _{Lab}	74.00, -5.93, -8.92
CIE _{LCh}	74, 10.708, 236.392
Yxy	46.7039, 0.2840, 0.3130
Android (android.graphics.Color)	4288789190 (0xFFA1BAC6)
YUV	179.8930, 8.9268, -16.5692
Hunter-Lab	68.3403, -8.8837, -4.3323

Details

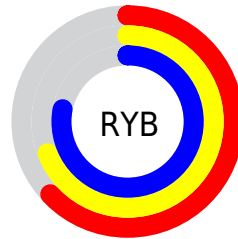
The CIELCh color $74, 10.708, 236.392$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $72, 11.840, 53.167$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.849, 237.222$, and $54, 10.600, 235.651$ is the 20% darker color. If you saturate the color by 10%, you get $71, 16.038, 237.672$, and if you desaturate by 10%, it is $77, 5.085, 235.394$.

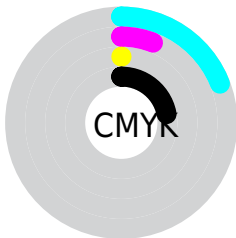
Distribution



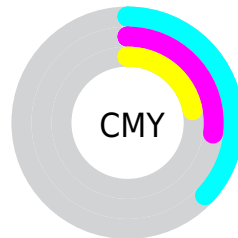
- Red (63%)
- Green (73%)
- Blue (78%)



- Red (63%)
- Yellow (69%)
- Blue (78%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)





- Cyan (37%)
- Magenta (27%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 10.708, 236.392 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, 10.708, 236.392 by changing the saturation by 10% instead.


 74, 10.708,
236.392

 74, 10.708,
236.392


 100, 10.708,
236.392


 64, 10.708,
236.392


 94, 10.708,
236.392

 54, 10.708,
236.392

 44, 10.708,
236.392

 34, 10.708,
236.392

 24, 10.708,
236.392

 14, 10.708,
236.392

 4, 10.708, 236.392

0, 10.708, 236.392

74, 10.708,
236.392

74, 10.708,
236.392

71, 16.038,
237.672

77, 5.085, 235.394

80, 0.770, 53.832

68, 21.013,
239.298

83, 6.802, 53.729

65, 25.571,
241.336

87, 12.966, 53.228

63, 29.666,
243.871

90, 17.654, 56.046

91, 18.070, 68.740

60, 33.281,
246.990

93, 19.321, 80.269

58, 36.444,
250.760

94, 21.251, 89.989

■ 55, 39.249,
255.194

■ 96, 23.684, 97.841

■ 53, 41.882,
260.136

■ 53, 42.237,
260.768

Harmonies

Complementary

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



74, 10.708, 236.392



72, 11.840, 53.167

Rectangle

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



74, 10.708, 236.392



74, 10.708, 286.392



74, 10.708, 56.392



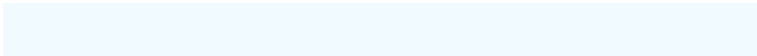
74, 10.708, 106.392

Sweetspot

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



74, 10.708, 236.383



98, 4.332, 235.200



77, 19.362, 153.573



52, 2.870, 235.245



0, 0.000, 0.000



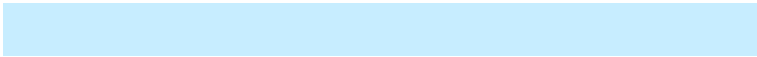
53, 0.007, 296.813

Same Dimension

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



74, 10.708, 236.383



92, 15.350, 236.816



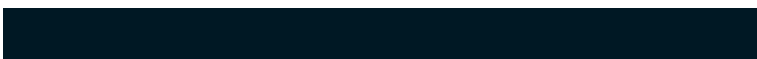
69, 16.706, 283.757



40, 3.325, 235.451



44, 36.323, 259.975



7, 11.579, 248.836

Inverse Universe

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



70, 19.427, 336.605



86, 28.125, 336.888



77, 16.328, 99.271



39, 5.880, 335.900



36, 65.239, 346.482



4, 20.153, 342.073

Previews

White Background



This preview shows how the CIELCh color 74, 10.708, 236.392 looks on a white background.

Color Contrast Check

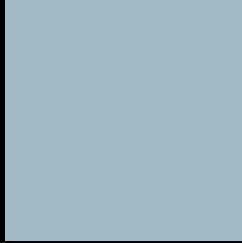
Large Text (above 18pt) WCAG AA × Fail

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, 10.708, 236.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

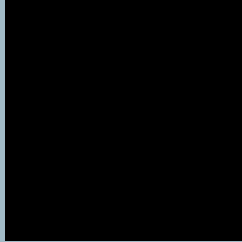
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

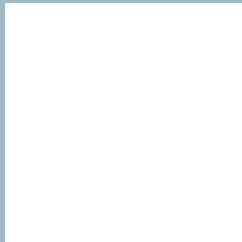
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 10.708, 236.392

Background



This preview shows how black text looks on a background with the CIELCh color 74, 10.708, 236.392.



This preview shows how white text looks on a background with the CIELCh color 74, 10.708, 236.392.

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

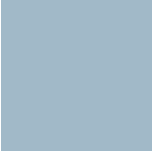
74, 10.708, 236.392

Protanopia

74, 8.149, 293.494

Deuteranopia

74, 13.518, 313.243



Tritanopia
74, 11.449, 244.365

Trichromacy



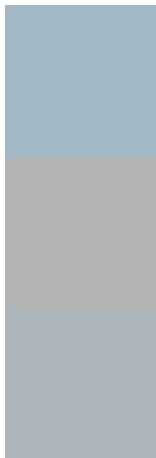
Original Color
74, 10.708, 236.392

Protanomaly
74, 8.045, 270.154

Deuteranomaly
74, 10.302, 291.163

Tritanomaly
74, 11.100, 242.221

Monochromacy



Original Color
74, 10.708, 236.392

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.209, 239.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 10.708, 236.392 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(161, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(161, 186, 198)  
}
```

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(161, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 186, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 10.708, 236.392 is called "border". The border property can be set on classes, ids or directly on the HTML element.

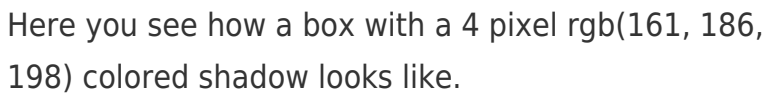
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 186, 198) }
```

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

```
.border{ border-color:rgb(161, 186, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(161, 186,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 10.708, 236.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 186, 198) }
```

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

```
.background{ background-color: rgb(161,  
186, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor