

Converting Colors

CIELCh(74, 14.413, 233.883)

Have a look what the booklet for
CIELCh(74, 14.413, 233.883)
contains.

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Color

CIELCh(74, 14.441, 235.758)

Conversions

Conversions Part 1

Format	Color
Hex	98BBCB
RGB	152, 187, 203
RGB Percent	60%, 73%, 80%
CMY	0.4027, 0.2654, 0.2027
CMYK	0.25, 0.08, 0.00, 0.20
HSL	199°, 33%, 70%
HSV	199°, 25%, 80%
XYZ	41.6592, 46.7039, 63.5155
YIQ	178.3590, -25.9960, -2.4440

Conversions

Conversions Part 2

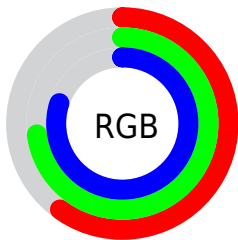
Format	Color
RYB	152, 173, 203
Decimal	10009547
CIELab	74.00, -8.13, -11.94
CIELCh	74, 14.441, 235.758
Yxy	46.7039, 0.2743, 0.3075
Android (android.graphics.Color)	4288199627 (0xFF98BBCB)
YUV	178.3590, 12.1480, -23.1168
Hunter-Lab	68.3403, -10.7845, -7.2660

Details

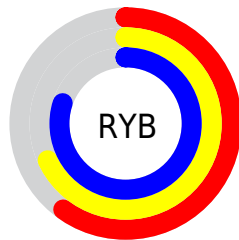
The CIELCh color **74, 14.441, 235.758** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 16.663, 51.560**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 13.284, 226.624**, and **54, 14.390, 235.677** is the 20% darker color. If you saturate the color by 10%, you get **71, 19.633, 237.198**, and if you desaturate by 10%, it is **77, 8.895, 234.620**.

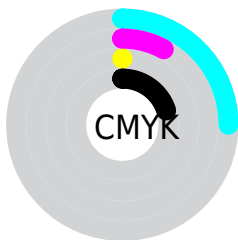
Distribution



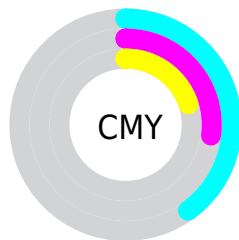
- Red (60%)
- Green (73%)
- Blue (80%)



- Red (60%)
- Yellow (68%)
- Blue (80%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)





- Cyan (40%)
- Magenta (27%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 14.441, 235.758 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, 14.441, 235.758 by changing the saturation by 10% instead.


 74, 14.441,
235.758

 74, 14.441,
235.758


 100, 14.441,
235.758


 64, 14.441,
235.758


 94, 14.441,
235.758

 54, 14.441,
235.758

 44, 14.441,
235.758

 34, 14.441,
235.758

 24, 14.441,
235.758

 14, 14.441,
235.758

 4, 14.441, 235.758

0, 14.441, 235.758

74, 14.441,
235.758

74, 14.441,
235.758

71, 19.633,
237.198

77, 8.895, 234.620

80, 3.062, 233.812

68, 24.403,
239.024

83, 2.996, 52.752

65, 28.695,
241.312

87, 9.224, 52.287

63, 32.474,
244.153

90, 15.577, 51.848

92, 16.054, 65.305

60, 35.747,
247.626

93, 17.136, 78.420

58, 38.583,
251.777

95, 18.996, 89.405

■ 56, 41.120,
256.569

■ 96, 21.420, 98.103

■ 55, 42.363,
258.997

Harmonies

Complementary

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



74, 14.441, 235.758



72, 16.663, 51.560

Rectangle

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



74, 14.441, 235.758



74, 14.441, 285.758



74, 14.441, 55.758



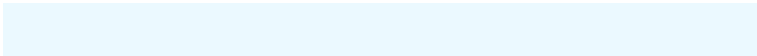
74, 14.441, 105.758

Sweetspot

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



74, 14.441, 235.752



97, 5.751, 234.006



78, 26.895, 152.338



51, 4.075, 234.125



0, 0.000, 0.000



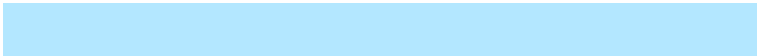
53, 0.007, 296.813

Same Dimension

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



74, 14.441, 235.752



89, 20.455, 236.477



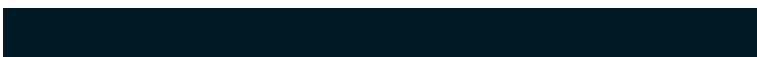
67, 22.694, 283.800



41, 3.393, 234.106



45, 36.120, 258.177



8, 12.205, 246.573

Inverse Universe

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



69, 26.899, 336.651



81, 38.652, 337.078



78, 22.064, 97.497



40, 6.050, 335.459



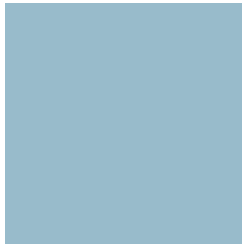
37, 66.396, 345.719



4, 22.491, 341.591

Previews

White Background



This preview shows how the CIE LCh color 74, 14.441, 235.758 looks on a white background.

Color Contrast Check

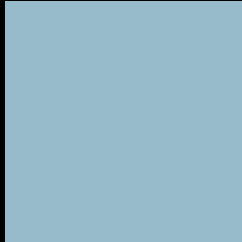
Large Text (above 18pt) WCAG AA × Fail

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, 14.441, 235.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

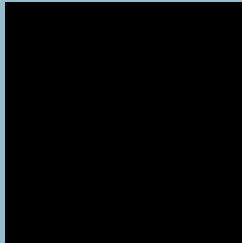
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 14.441, 235.758

Background



This preview shows how black text looks on a background with the CIELCh color 74, 14.441, 235.758.



This preview shows how white text looks on a background with the CIELCh color 74, 14.441, 235.758.

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, 14.441, 235.758

Protanopia

74, 10.302, 291.163

Deuteranopia

74, 15.747, 305.950



Tritanopia
74, 14.166, 233.851

Trichromacy



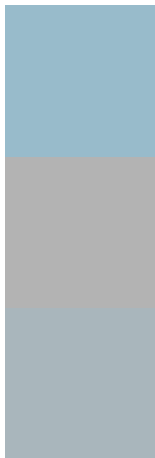
Original Color
74, 14.441, 235.758

Protanomaly
74, 10.652, 265.803

Deuteranomaly
74, 12.592, 281.766

Tritanomaly
74, 14.166, 233.851

Monochromacy



Original Color
74, 14.441, 235.758

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.650, 234.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 14.441, 235.758 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(152, 187, 203)` looks like.

```
.text, #text, p{  
    color:rgb(152, 187, 203)  
}
```

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(152, 187, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 187, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 14.441, 235.758 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(152, 187, 203) }
```

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

```
.border{ border-color:rgb(152, 187, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 187, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 187, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 187, 203);  
box-shadow:4px 4px 4px 4px rgb(152, 187,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 14.441, 235.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 187, 203) }
```

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

```
.background{ background-color: rgb(152,  
187, 203) }
```

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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