

Converting Colors

CIELCh(74, 11.763, 154.320)

Have a look what the booklet for
CIELCh(74, 11.763, 154.320)
contains.

CIELCh(74, 11.601, 154.213)	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, 11.601, 154.213)

Conversions

Conversions Part 1

Format	Color
Hex	A5BBAC
RGB	165, 187, 172
RGB Percent	65%, 73%, 67%
CMY	0.3517, 0.2654, 0.3242
CMYK	0.12, 0.00, 0.08, 0.27
HSL	139°, 14%, 69%
HSV	139°, 12%, 73%
XYZ	40.9005, 46.7039, 46.0506
YIQ	178.7120, -8.2970, -9.3290

Conversions

Conversions Part 2

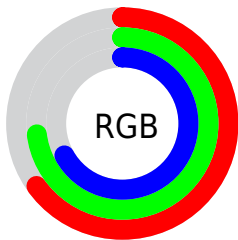
Format	Color
RYB	165, 182, 187
Decimal	10861484
CIELab	74.00, -10.45, 5.05
CIELCh	74, 11.601, 154.213
Yxy	46.7039, 0.3060, 0.3494
Android (android.graphics.Color)	4289051564 (0xFFA5BBAC)
YUV	178.7120, -3.3090, -12.0254
Hunter-Lab	68.3403, -12.7663, 7.8861

Details

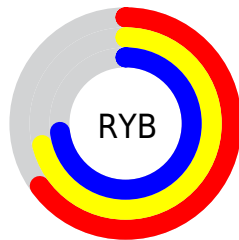
The CIELCh color **74, 11.601, 154.213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 11.675, 335.814**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 11.653, 153.823**, and **54, 11.653, 154.552** is the 20% darker color. If you saturate the color by 10%, you get **72, 21.522, 153.370**, and if you desaturate by 10%, it is **76, 1.713, 155.101**.

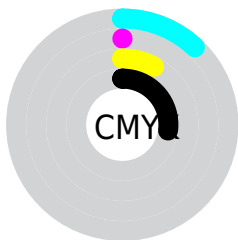
Distribution



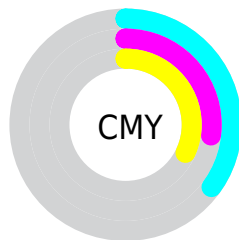
- Red (65%)
- Green (73%)
- Blue (67%)



- Red (65%)
- Yellow (71%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)





- Cyan (35%)
- Magenta (27%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 11.601, 154.213 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, 11.601, 154.213 by changing the saturation by 10% instead.


 74, 11.601,
154.213


 74, 11.601,
154.213


 100, 11.601,
154.213


 64, 11.601,
154.213


 94, 11.601,
154.213

 54, 11.601,
154.213

 44, 11.601,
154.213

 34, 11.601,
154.213

 24, 11.601,
154.213

 14, 11.601,
154.213

 4, 11.601, 154.213

0, 11.601, 154.213

74, 11.601,
154.213

74, 11.601,
154.213

72, 21.522,
153.370

76, 1.713, 155.101

71, 31.344,
152.417

78, 8.052, 335.509

70, 40.915,
151.324

80, 17.621,
336.101

69, 50.062,
150.069

82, 26.947,
336.618

68, 58.598,
148.635

83, 35.053,
335.277

67, 66.350,
147.014

84, 39.936,
328.489

84, 42.420,

■ 67, 73.173,
145.214

325.895

■ 67, 78.977,
143.276

■ 67, 83.061,
141.690

Harmonies

Complementary

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



74, 11.601, 154.213



70, 11.675, 335.814

Rectangle

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



74, 11.601, 154.213



74, 11.601, 204.213



74, 11.601, 334.213



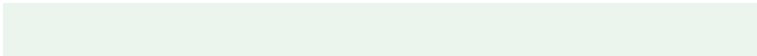
74, 11.601, 24.213

Sweetspot

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



74, 11.603, 154.211



96, 4.885, 154.831



75, 12.135, 121.783



51, 3.473, 154.765



98, 0.011, 296.813



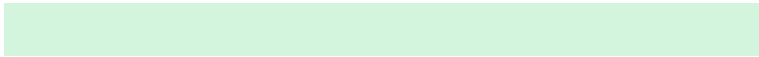
51, 0.007, 296.813

Same Dimension

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



74, 11.603, 154.211



94, 17.197, 154.011



74, 8.322, 183.563



39, 5.623, 154.401



57, 72.796, 141.972



9, 18.511, 151.201

Inverse Universe

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



70, 11.675, 335.814



88, 17.319, 335.999



70, 8.734, 5.573



37, 5.654, 335.637



35, 64.000, 345.958



3, 15.837, 340.848

Previews

White Background



This preview shows how the CIELCh color 74, 11.601, 154.213 looks on a white background.

Color Contrast Check

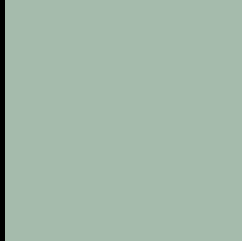
Large Text (above 18pt) WCAG AA × Fail

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, 11.601, 154.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

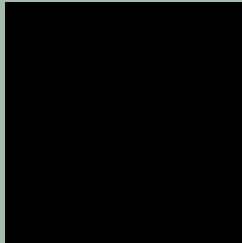
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

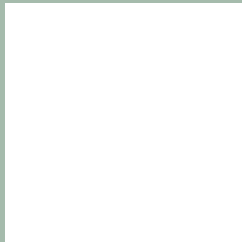
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 11.601, 154.213

Background



This preview shows how black text looks on a background with the CIELCh color 74, 11.601, 154.213.



This preview shows how white text looks on a background with the CIELCh color 74, 11.601, 154.213.

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, 11.601, 154.213

Protanopia

74, 6.995, 86.921

Deuteranopia

74, 10.007, 23.272



Tritanopia
74, 8.941, 257.364

Trichromacy



Original Color
74, 11.601, 154.213

Protanomaly
74, 7.111, 118.730

Deuteranomaly
74, 4.699, 63.007

Tritanomaly
74, 6.437, 218.734

Monochromacy



Original Color
74, 11.601, 154.213

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.048, 157.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 11.601, 154.213 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(165, 187, 172)` looks like.

```
.text, #text, p{  
    color:rgb(165, 187, 172)  
}
```

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(165, 187, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 187, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 11.601, 154.213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

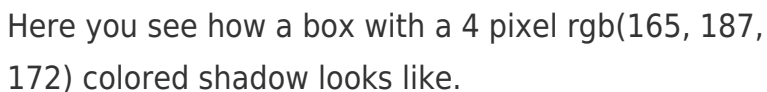
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 187, 172) }
```

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

```
.border{ border-color:rgb(165, 187, 172) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 187, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 187, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 187, 172); box-shadow:4px 4px 4px 4px rgb(165, 187, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 11.601, 154.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 187, 172) }
```

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

```
.background{ background-color: rgb(165,  
187, 172) }
```

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