

Converting Colors

CIELCh(74, 9.779, 152.773)

Have a look what the booklet for
CIELCh(74, 9.779, 152.773) contains.

CIELCh(74, 9.779, 152.773)	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, 9.779, 152.773)

Conversions

Conversions Part 1

Format	Color
Hex	A8BAAD
RGB	168, 186, 173
RGB Percent	66%, 73%, 68%
CMY	0.3395, 0.2689, 0.3199
CMYK	0.10, 0.00, 0.07, 0.27
HSL	137°, 12%, 70%
HSV	137°, 10%, 73%
XYZ	41.4720, 46.7039, 46.5796
YIQ	179.1360, -6.5550, -7.8590

Conversions

Conversions Part 2

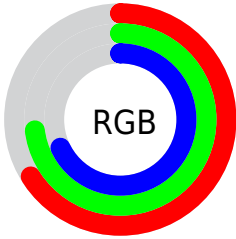
Format	Color
RYB	168, 182, 186
Decimal	11057837
CIELab	74.00, -8.70, 4.47
CIElCh	74, 9.779, 152.773
Yxy	46.7039, 0.3078, 0.3466
Android (android.graphics.Color)	4289247917 (0xFFA8BAAD)
YUV	179.1360, -3.0250, -9.7663
Hunter-Lab	68.3403, -11.2734, 7.4271

Details

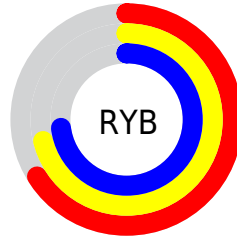
The CIELCh color $74, 9.779, 152.773$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 9.826, 334.008$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.921, 152.342$, and $54, 9.718, 153.196$ is the 20% darker color. If you saturate the color by 10%, you get $72, 19.974, 151.972$, and if you desaturate by 10%, it is $76, 0.350, 332.522$.

Distribution



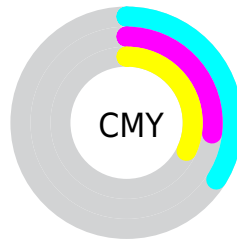
- Red (66%)
- Green (73%)
- Blue (68%)



- Red (66%)
- Yellow (71%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (34%)
- Magenta (27%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.779, 152.773 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, 9.779, 152.773 by changing the saturation by 10% instead.

 74, 9.779, 152.773

 74, 9.779, 152.773

 100, 9.779,
152.773

 64, 9.779, 152.773

 94, 9.779, 152.773

 54, 9.779, 152.773

 44, 9.779, 152.773

 34, 9.779, 152.773

 24, 9.779, 152.773

 14, 9.779, 152.773

 4, 9.779, 152.773

 0, 9.779, 152.773

 74, 9.779, 152.773

 74, 9.779, 152.773

72, 19.974,
151.972

76, 0.350, 332.522

71, 30.108,
151.066

78, 10.324,
333.992

70, 40.028,
150.025

80, 20.077,
334.537

69, 49.554,
148.828

82, 29.566,
335.014

68, 58.492,
147.458

83, 37.286,
332.549

67, 66.644,
145.909

84, 42.652,
326.226

67, 73.839,
144.194

84, 42.978,
325.914

66, 79.944,
142.355

66, 84.958,

Harmonies

Complementary

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



74, 9.779, 152.773



71, 9.826, 334.008

Rectangle

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



74, 9.779, 152.773



74, 9.779, 202.773



74, 9.779, 332.773



74, 9.779, 22.773

Sweetspot

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



74, 9.781, 152.771



95, 3.737, 153.304



75, 9.864, 119.971



51, 2.859, 153.228



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, 9.781, 152.771



93, 15.050, 152.576



74, 6.999, 179.941



39, 5.794, 152.794



57, 74.898, 140.734



9, 18.898, 150.212

Inverse Universe

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



71, 9.826, 334.008



88, 15.127, 334.188



71, 7.243, 1.589



37, 5.820, 333.987



35, 65.667, 343.042



3, 16.396, 338.522

Previews

White Background



This preview shows how the CIELCh color 74, 9.779, 152.773 looks on a white background.

Color Contrast Check

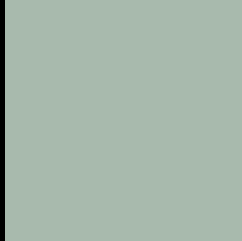
Large Text (above 18pt) WCAG AA × Fail

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, 9.779, 152.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

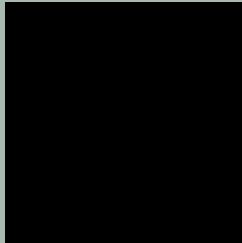
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

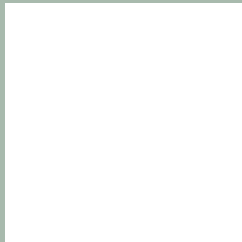
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 9.779, 152.773

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.779, 152.773.



This preview shows how white text looks on a background with the CIELCh color 74, 9.779, 152.773.

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](#).

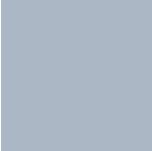
Dichromacy



Original Color
74, 9.779, 152.773

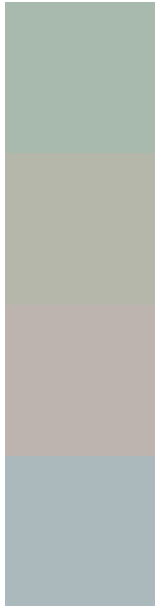
Protanopia
74, 6.498, 85.184

Deuteranopia
74, 9.580, 20.167



Tritanopia
74, 8.444, 263.393

Trichromacy



Original Color
74, 9.779, 152.773

Protanomaly
74, 6.519, 116.242

Deuteranomaly
74, 4.341, 57.900

Tritanomaly
74, 5.137, 224.145

Monochromacy



Original Color
74, 9.779, 152.773

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.126, 155.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.779, 152.773 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(168, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(168, 186, 173)  
}
```

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(168, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 186, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.779, 152.773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

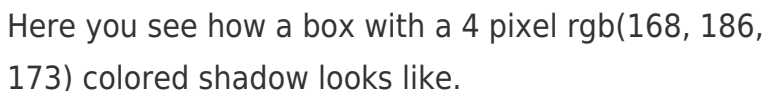
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 186, 173) }
```

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

```
.border{ border-color:rgb(168, 186, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 186, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 186, 173); box-shadow:4px 4px 4px 4px rgb(168, 186, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.779, 152.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 186, 173) }
```

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

```
.background{ background-color: rgb(168,  
186, 173) }
```

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