

Converting Colors

CIELCh(74, 18.430, 159.381)

Have a look what the booklet for
CIELCh(74, 18.430, 159.381)
contains.

CIELCh(74, 18.766, 158.663)	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, 18.766, 158.663)

Conversions

Conversions Part 1

Format	Color
Hex	98BFA9
RGB	152, 191, 169
RGB Percent	60%, 75%, 66%
CMY	0.4046, 0.2516, 0.3379
CMYK	0.20, 0.00, 0.12, 0.25
HSL	146°, 23%, 67%
HSV	146°, 20%, 75%
XYZ	38.6564, 46.7039, 44.4307
YIQ	176.8310, -16.1820, -15.1100

Conversions

Conversions Part 2

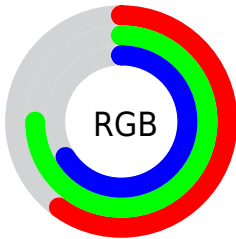
Format	Color
RYB	152, 179, 191
Decimal	10010537
CIELab	74.00, -17.48, 6.83
CIELCh	74, 18.766, 158.663
Yxy	46.7039, 0.2978, 0.3598
Android (android.graphics.Color)	4288200617 (0xFF98BFA9)
YUV	176.8310, -3.8607, -21.7768
Hunter-Lab	68.3403, -18.6276, 9.2914

Details

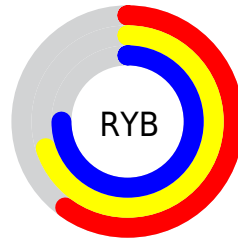
The CIELCh color **74, 18.766, 158.663** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 19.116, 342.004**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 18.498, 158.511**, and **54, 18.548, 159.226** is the 20% darker color. If you saturate the color by 10%, you get **73, 27.838, 157.657**, and if you desaturate by 10%, it is **76, 9.580, 159.566**.

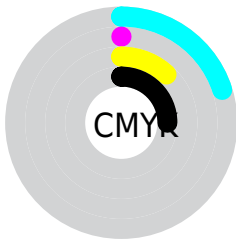
Distribution



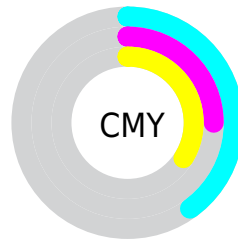
- Red (60%)
- Green (75%)
- Blue (66%)



- Red (60%)
- Yellow (70%)
- Blue (75%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (40%)
- Magenta (25%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 18.766, 158.663 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, 18.766, 158.663 by changing the saturation by 10% instead.

 74, 18.766,
158.663

 74, 18.766,
158.663

 100, 18.766,
158.663

 64, 18.766,
158.663

 94, 18.766,
158.663

 54, 18.766,
158.663

 44, 18.766,
158.663

 34, 18.766,
158.663

 24, 18.766,
158.663

 14, 18.766,
158.663

 4, 18.766, 158.663

0, 18.766, 158.663

74, 18.766,
158.663

74, 18.766,
158.663

73, 27.838,
157.657

76, 9.580, 159.566

71, 36.655,
156.522

77, 0.392, 161.263

79, 8.707, 340.989

70, 45.063,
155.231

81, 17.648,
341.657

70, 52.904,
153.761

83, 26.384,
342.256

69, 60.037,
152.093

84, 31.929,
337.678

68, 66.356,
150.218

84, 35.863,
331.018

■ 68, 71.819,
148.149

■ 85, 40.217,
325.841

■ 68, 76.357,
146.093

■ 85, 40.237,
325.821

Harmonies

Complementary

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



74, 18.766, 158.663



67, 19.116, 342.004

Rectangle

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



74, 18.766, 158.663



74, 18.766, 208.663



74, 18.766, 338.663



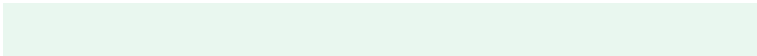
74, 18.766, 28.663

Sweetspot

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



74, 18.768, 158.662



96, 6.789, 159.948



75, 21.897, 125.730



52, 4.541, 159.888



99, 0.012, 296.813



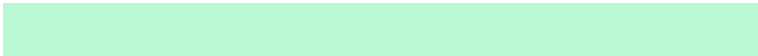
52, 0.007, 296.813

Same Dimension

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



74, 18.768, 158.662



93, 28.303, 158.178



75, 13.816, 192.487



39, 5.154, 159.661



57, 65.939, 146.438



9, 17.323, 154.632

Inverse Universe

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



67, 19.116, 342.004



82, 28.946, 342.464



66, 15.523, 15.623



37, 5.203, 341.037



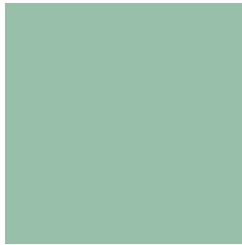
34, 60.383, 355.599



3, 14.504, 347.811

Previews

White Background



This preview shows how the CIELCh color 74, 18.766, 158.663 looks on a white background.

Color Contrast Check

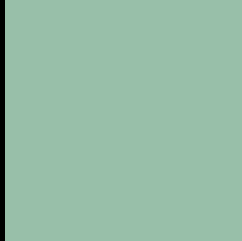
Large Text (above 18pt) WCAG AA × Fail

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, 18.766, 158.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

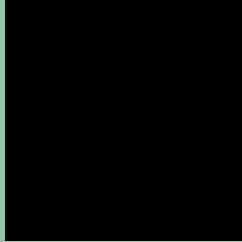
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 18.766, 158.663

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.766, 158.663.



This preview shows how white text looks on a background with the CIELCh color 74, 18.766, 158.663.

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, 18.766, 158.663

Protanopia
74, 9.669, 90.527

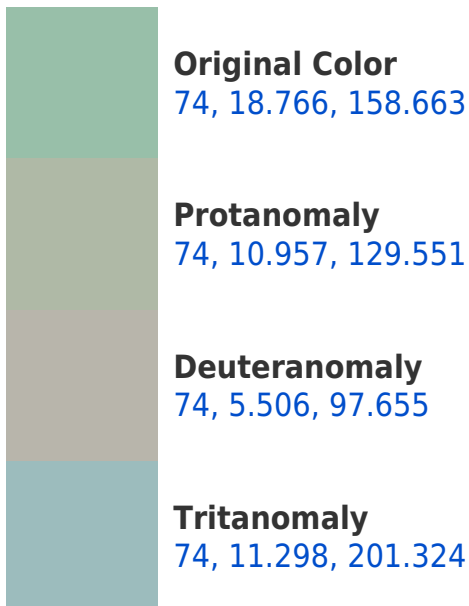
Deuteranopia
74, 10.569, 28.995



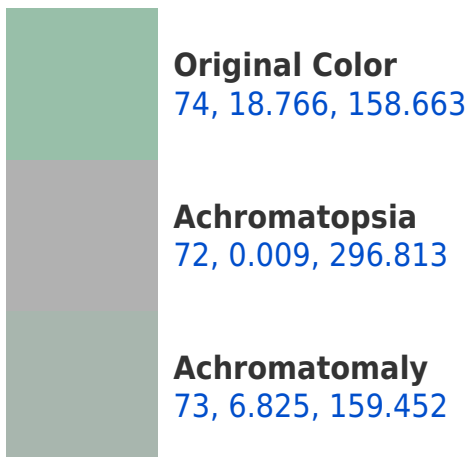
Tritanopia

74, 12.400, 239.967

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.766, 158.663 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, 191, 169)` looks like.

```
.text, #text, p{  
    color:rgb(152, 191, 169)  
}
```

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, 191, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 191, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.766, 158.663 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, 191, 169) }
```

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

```
.border{ border-color:rgb(152, 191, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 191, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 191, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 191, 169);  
box-shadow:4px 4px 4px 4px rgb(152, 191,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.766, 158.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 191, 169) }
```

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

```
.background{ background-color: rgb(152,  
191, 169) }
```

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