

Converting Colors

CIELCh(74, 12.559, 197.713)

Have a look what the booklet for
CIELCh(74, 12.559, 197.713)
contains.

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Color

CIELCh(74, 12.709, 195.989)

Conversions

Conversions Part 1

Format	Color
Hex	99BDBC
RGB	153, 189, 188
RGB Percent	60%, 74%, 74%
CMY	0.4006, 0.2595, 0.2634
CMYK	0.19, 0.00, 0.01, 0.26
HSL	178°, 21%, 67%
HSV	178°, 19%, 74%
XYZ	40.3273, 46.7039, 54.3726
YIQ	178.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

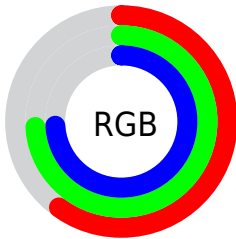
Format	Color
RYB	153, 171, 189
Decimal	10075580
CIELab	74.00, -12.22, -3.50
CIELCh	74, 12.709, 195.989
Yxy	46.7039, 0.2852, 0.3303
Android (android.graphics.Color)	4288265660 (0xFF99BDBC)
YUV	178.1220, 4.8699, -22.0320
Hunter-Lab	68.3403, -14.2634, 0.6661

Details

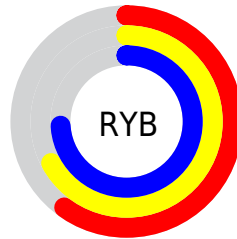
The CIELCh color **74, 12.709, 195.989** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 14.291, 18.538**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 12.570, 196.280**, and **54, 12.884, 195.566** is the 20% darker color. If you saturate the color by 10%, you get **73, 18.754, 195.406**, and if you desaturate by 10%, it is **75, 6.204, 196.617**.

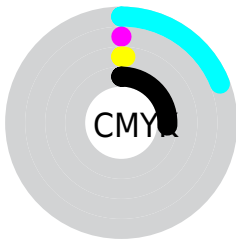
Distribution



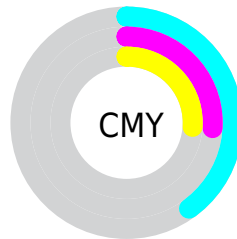
- Red (60%)
- Green (74%)
- Blue (74%)



- Red (60%)
- Yellow (67%)
- Blue (74%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (40%)
- Magenta (26%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.709, 195.989 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, 12.709, 195.989 by changing the saturation by 10% instead.

 74, 12.709,
195.989

 74, 12.709,
195.989


 100, 12.709,
195.989


 64, 12.709,
195.989


 94, 12.709,
195.989

 54, 12.709,
195.989

 44, 12.709,
195.989

 34, 12.709,
195.989

 24, 12.709,
195.989

 14, 12.709,
195.989

 4, 12.709, 195.989

0, 12.709, 195.989

74, 12.709,
195.989

74, 12.709,
195.989

73, 18.754,
195.406

75, 6.204, 196.617

72, 24.224,
194.867

77, 0.657, 16.347

78, 7.773, 17.712

71, 29.011,
194.363

80, 15.061, 18.389

70, 33.023,
193.893

82, 22.451, 19.053

83, 25.486, 18.962

70, 36.197,
193.453

83, 25.470, 18.347

70, 38.509,
193.036

83, 25.457, 17.731

■ 69, 39.991,
192.632

■ 83, 25.448, 17.115

■ 69, 40.798,
192.234

■ 69, 40.863,
192.197

Harmonies

Complementary

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



74, 12.709, 195.989



66, 14.291, 18.538

Rectangle

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



74, 12.709, 195.989



74, 12.709, 245.989



74, 12.709, 15.989



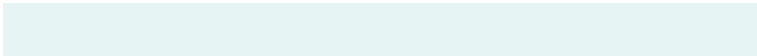
74, 12.709, 65.989

Sweetspot

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



74, 12.710, 195.983



95, 5.105, 196.838



73, 23.604, 142.410



51, 3.380, 196.786



98, 0.011, 296.813



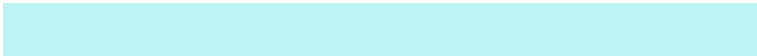
51, 0.007, 296.813

Same Dimension

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



74, 12.710, 195.983



93, 18.684, 195.729



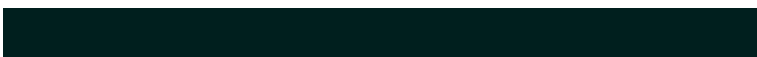
69, 11.249, 254.349



39, 3.874, 196.597



59, 35.819, 192.251



9, 11.797, 193.623

Inverse Universe

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



66, 14.291, 18.538



81, 21.628, 18.982



71, 11.945, 69.471



37, 4.095, 17.663



32, 71.726, 38.540



3, 12.261, 17.799

Previews

White Background



This preview shows how the CIELCh color 74, 12.709, 195.989 looks on a white background.

Color Contrast Check

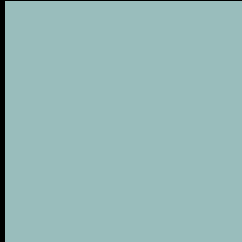
Large Text (above 18pt) WCAG AA × Fail

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, 12.709, 195.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

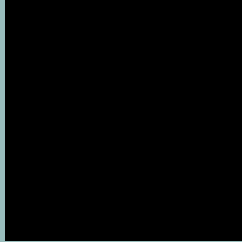
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

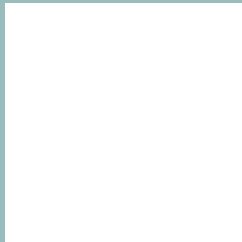
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.709, 195.989

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.709, 195.989.

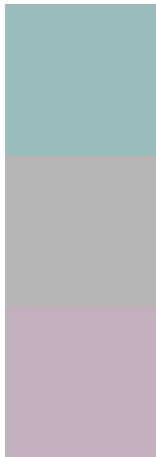


This preview shows how white text looks on a background with the CIELCh color 74, 12.709, 195.989.

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, 12.709, 195.989

Protanopia
74, 1.570, 335.569

Deuteranopia
74, 10.388, 333.445



Tritanopia
74, 13.141, 237.122

Trichromacy



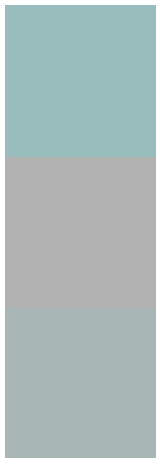
Original Color
74, 12.709, 195.989

Protanomaly
74, 4.043, 206.918

Deuteranomaly
74, 4.348, 285.792

Tritanomaly
74, 12.266, 222.141

Monochromacy



Original Color
74, 12.709, 195.989

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.754, 199.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.709, 195.989 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(153, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(153, 189, 188)  
}
```

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(153, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 189, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.709, 195.989 is called "border". The border property can be set on classes, ids or directly on the HTML element.

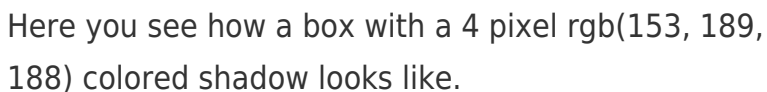
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 189, 188) }
```

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

```
.border{ border-color:rgb(153, 189, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 189, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 189, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 189, 188); box-shadow:4px 4px 4px 4px rgb(153, 189, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.709, 195.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 189, 188) }
```

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

```
.background{ background-color: rgb(153,  
189, 188) }
```

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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