

Converting Colors

CIELCh(74, 14.638, 189.733)

Have a look what the booklet for
CIELCh(74, 14.638, 189.733)
contains.

CIELCh(74, 14.638, 189.733)	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, 14.638, 189.733)

Conversions

Conversions Part 1

Format	Color
Hex	95BEBA
RGB	149, 190, 186
RGB Percent	58%, 75%, 73%
CMY	0.4161, 0.2553, 0.2710
CMYK	0.22, 0.00, 0.02, 0.26
HSL	174°, 24%, 66%
HSV	174°, 22%, 74%
XYZ	39.6199, 46.7039, 53.3246
YIQ	177.2850, -23.1520, -9.9360

Conversions

Conversions Part 2

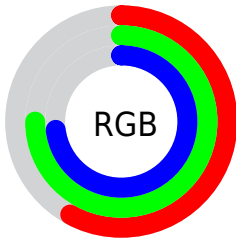
Format	Color
R_{YB}	149, 171, 190
Decimal	9813690
CIE _{Lab}	74.00, -14.43, -2.47
CIE _{LCh}	74, 14.638, 189.733
Yxy	46.7039, 0.2837, 0.3344
Android (android.graphics.Color)	4288003770 (0xFF95BEBA)
YUV	177.2850, 4.2965, -24.8059
Hunter-Lab	68.3403, -16.1111, 1.5753

Details

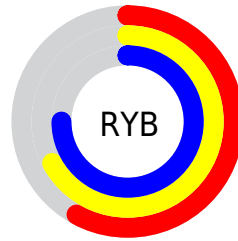
The CIELCh color **74, 14.638, 189.733** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 16.423, 13.325**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 14.425, 190.265**, and **54, 14.888, 188.978** is the 20% darker color. If you saturate the color by 10%, you get **73, 20.798, 188.937**, and if you desaturate by 10%, it is **75, 8.043, 190.526**.

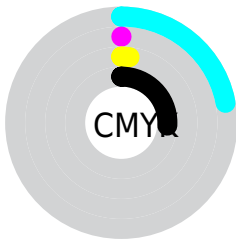
Distribution



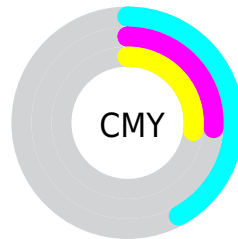
- Red (58%)
- Green (75%)
- Blue (73%)



- Red (58%)
- Yellow (67%)
- Blue (75%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)





- Cyan (42%)
- Magenta (26%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 14.638, 189.733 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, 14.638, 189.733 by changing the saturation by 10% instead.


 74, 14.638,
189.733

 74, 14.638,
189.733


 100, 14.638,
189.733


 64, 14.638,
189.733


 94, 14.638,
189.733

 54, 14.638,
189.733

 44, 14.638,
189.733

 34, 14.638,
189.733

 24, 14.638,
189.733

 14, 14.638,
189.733

 4, 14.638, 189.733

0, 14.638, 189.733

74, 14.638,
189.733

74, 14.638,
189.733

73, 20.798,
188.937

75, 8.043, 190.526

72, 26.403,
188.135

77, 1.121, 191.682

78, 6.027, 11.888

71, 31.342,
187.310

80, 13.316, 12.679

70, 35.518,
186.451

82, 20.677, 13.428

83, 25.024, 12.947

70, 38.865,
185.541

83, 25.093, 10.745

70, 41.361,
184.564

83, 25.201, 8.560

■ 69, 43.042,
183.501

■ 83, 25.348, 6.397

■ 69, 43.995,
182.555

Harmonies

Complementary

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



74, 14.638, 189.733



66, 16.423, 13.325

Rectangle

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



74, 14.638, 189.733



74, 14.638, 239.733



74, 14.638, 9.733



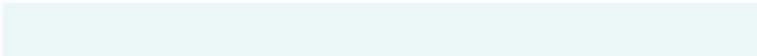
74, 14.638, 59.733

Sweetspot

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



74, 14.639, 189.728



96, 5.214, 191.001



73, 26.294, 140.507



52, 3.483, 190.939



99, 0.012, 296.813



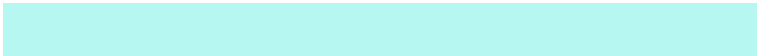
52, 0.007, 296.813

Same Dimension

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



74, 14.639, 189.728



93, 21.559, 189.347



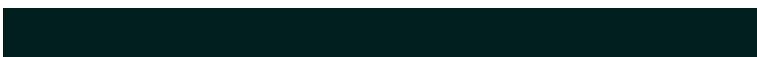
70, 12.204, 246.623



39, 3.930, 190.712



58, 38.358, 182.726



9, 12.243, 186.175

Inverse Universe

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



66, 16.423, 13.325



80, 24.881, 13.915



70, 13.395, 61.704



37, 4.123, 12.041



33, 69.032, 35.414



3, 12.327, 13.798

Previews

White Background



This preview shows how the CIELCh color 74, 14.638, 189.733 looks on a white background.

Color Contrast Check

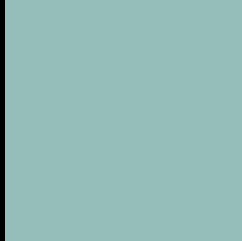
Large Text (above 18pt) WCAG AA × Fail

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, 14.638, 189.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

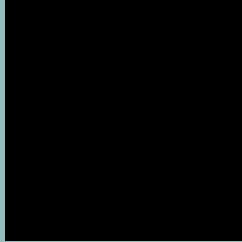
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

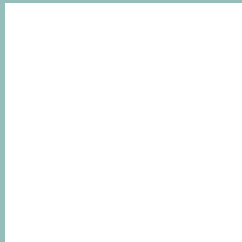
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 14.638, 189.733

Background



This preview shows how black text looks on a background with the CIELCh color 74, 14.638, 189.733.

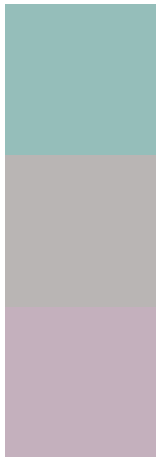


This preview shows how white text looks on a background with the CIELCh color 74, 14.638, 189.733.

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, 14.638, 189.733

Protanopia

74, 1.585, 39.099

Deuteranopia

74, 10.272, 337.077



Tritanopia
74, 14.166, 233.851

Trichromacy



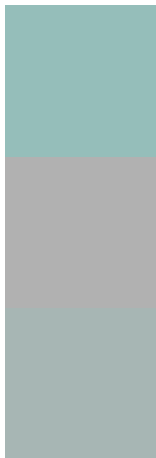
Original Color
74, 14.638, 189.733

Protanomaly
74, 4.554, 185.379

Deuteranomaly
74, 3.856, 279.633

Tritanomaly
74, 13.322, 217.594

Monochromacy



Original Color
74, 14.638, 189.733

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 5.622, 187.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 14.638, 189.733 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(149, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(149, 190, 186)  
}
```

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(149, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 190, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 14.638, 189.733 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(149, 190, 186) }
```

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

```
.border{ border-color:rgb(149, 190, 186) }
```

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

Here you see how a box with a 4 pixel rgb(149, 190, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(149, 190,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 14.638, 189.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 190, 186) }
```

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

```
.background{ background-color: rgb(149,  
190, 186) }
```

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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