

Converting Colors

CIELCh(74, 18.269, 168.881)

Have a look what the booklet for
CIELCh(74, 18.269, 168.881)
contains.

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Color

CIELCh(74, 18.200, 169.533)

Conversions

Conversions Part 1

Format	Color
Hex	93BFAF
RGB	147, 191, 175
RGB Percent	58%, 75%, 69%
CMY	0.4226, 0.2500, 0.3127
CMYK	0.23, 0.00, 0.08, 0.25
HSL	158°, 26%, 66%
HSV	158°, 23%, 75%
XYZ	38.5259, 46.7039, 47.6708
YIQ	176.0200, -21.0880, -14.3040

Conversions

Conversions Part 2

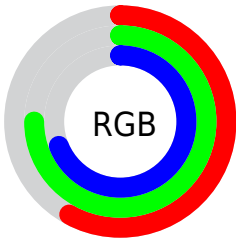
Format	Color
RYB	147, 174, 191
Decimal	9682863
CIELab	74.00, -17.90, 3.31
CIELCh	74, 18.200, 169.533
Yxy	46.7039, 0.2899, 0.3514
Android (android.graphics.Color)	4287872943 (0xFF93BFAF)
YUV	176.0200, -0.5029, -25.4505
Hunter-Lab	68.3403, -18.9685, 6.4805

Details

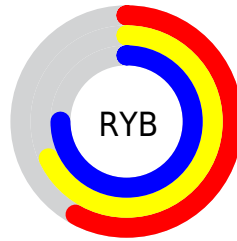
The CIELCh color **74, 18.200, 169.533** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 19.176, 353.996**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 17.986, 169.109**, and **54, 17.911, 170.767** is the 20% darker color. If you saturate the color by 10%, you get **73, 25.777, 168.425**, and if you desaturate by 10%, it is **75, 10.373, 170.552**.

Distribution



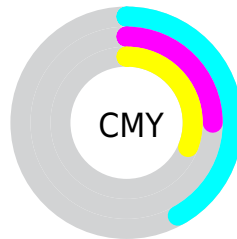
- Red (58%)
- Green (75%)
- Blue (69%)



- Red (58%)
- Yellow (68%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)





- Cyan (42%)
- Magenta (25%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 18.200, 169.533 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, 18.200, 169.533 by changing the saturation by 10% instead.


 74, 18.200,
169.533


 74, 18.200,
169.533


 100, 18.200,
169.533


 64, 18.200,
169.533


 94, 18.200,
169.533

 54, 18.200,
169.533

 44, 18.200,
169.533

 34, 18.200,
169.533

 24, 18.200,
169.533

 14, 18.200,
169.533

 4, 18.200, 169.533

■ 0, 18.200, 169.533

■ 74, 18.200,
169.533

■ 74, 18.200,
169.533

■ 73, 25.777,
168.425

■ 75, 10.373,
170.552

■ 72, 32.971,
167.207

■ 77, 2.406, 171.616

■ 71, 39.653,
165.853

■ 79, 5.604, 352.212

■ 70, 45.696,
164.337

■ 80, 13.579,
353.060

■ 69, 51.007,
162.636

■ 82, 21.462,
353.827

■ 69, 55.534,
160.733

■ 84, 26.938,
351.698

■ 84, 28.709,

■ 69, 59.298,
158.623

345.214

■ 69, 61.616,
157.097

■ 84, 30.828,
339.596

■ 84, 33.224,
334.790

Harmonies

Complementary

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



74, 18.200, 169.533



66, 19.176, 353.996

Rectangle

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



74, 18.200, 169.533



74, 18.200, 219.533



74, 18.200, 349.533



74, 18.200, 39.533

Sweetspot

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



74, 18.201, 169.530



97, 6.950, 171.140



74, 25.985, 132.566



51, 4.515, 171.078



99, 0.012, 296.813



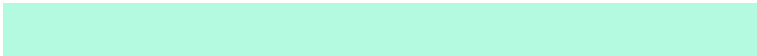
52, 0.007, 296.813

Same Dimension

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



74, 18.201, 169.530



93, 27.345, 168.941



73, 13.475, 212.203



40, 4.576, 170.912



58, 53.844, 157.418



10, 16.560, 163.543

Inverse Universe

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



66, 19.176, 353.996



80, 29.182, 354.667



67, 15.771, 32.492



38, 4.675, 352.506



34, 60.434, 14.530



3, 14.898, 0.162

Previews

White Background



This preview shows how the CIELCh color 74, 18.200, 169.533 looks on a white background.

Color Contrast Check

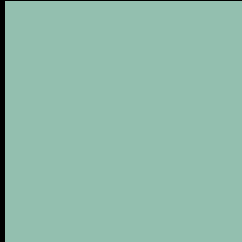
Large Text (above 18pt) WCAG AA × Fail

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, 18.200, 169.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

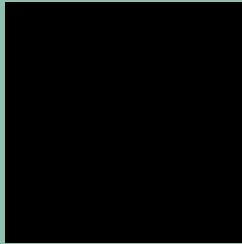
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 18.200, 169.533

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.200, 169.533.

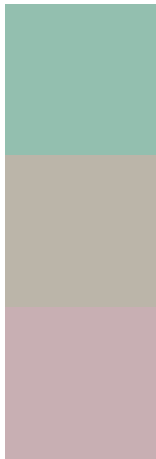


This preview shows how white text looks on a background with the CIELCh color 74, 18.200, 169.533.

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, 18.200, 169.533

Protanopia
74, 6.858, 89.909

Deuteranopia
74, 9.757, 7.455



Tritanopia
74, 13.908, 234.620

Trichromacy



Original Color
74, 18.200, 169.533

Protanomaly
74, 8.846, 140.153

Deuteranomaly
74, 1.614, 109.985

Tritanomaly
74, 13.264, 205.501

Monochromacy



Original Color
74, 18.200, 169.533

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 6.794, 170.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.200, 169.533 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(147, 191, 175)` looks like.

```
.text, #text, p{  
    color:rgb(147, 191, 175)  
}
```

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(147, 191, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 191, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.200, 169.533 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(147, 191, 175) }
```

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

```
.border{ border-color:rgb(147, 191, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 191, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 191, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 191, 175);  
box-shadow:4px 4px 4px 4px rgb(147, 191,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.200, 169.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 191, 175) }
```

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

```
.background{ background-color: rgb(147,  
191, 175) }
```

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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