

Converting Colors

CIELCh(74, 15.601, 203.371)

Have a look what the booklet for
CIELCh(74, 15.601, 203.371)
contains.

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Color

CIELCh(74, 15.479, 204.318)

Conversions

Conversions Part 1

Format	Color
Hex	91BEC1
RGB	145, 190, 193
RGB Percent	57%, 75%, 76%
CMY	0.4313, 0.2548, 0.2431
CMYK	0.25, 0.02, 0.00, 0.24
HSL	184°, 28%, 66%
HSV	184°, 25%, 76%
XYZ	39.7223, 46.7039, 57.3805
YIQ	176.8870, -27.7830, -8.6070

Conversions

Conversions Part 2

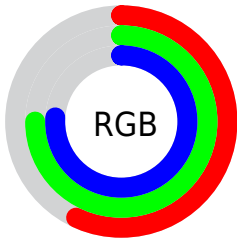
Format	Color
RYB	145, 168, 193
Decimal	9551553
CIELab	74.00, -14.11, -6.37
CIELCh	74, 15.479, 204.318
Yxy	46.7039, 0.2762, 0.3248
Android (android.graphics.Color)	4287741633 (0xFF91BEC1)
YUV	176.8870, 7.9437, -27.9649
Hunter-Lab	68.3403, -15.8435, -1.9434

Details

The CIELCh color **74, 15.479, 204.318** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 18.354, 26.247**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 15.334, 204.290**, and **54, 15.581, 204.350** is the 20% darker color. If you saturate the color by 10%, you get **73, 20.867, 204.180**, and if you desaturate by 10%, it is **76, 9.560, 204.550**.

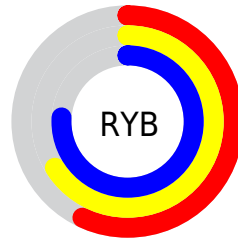
Distribution



Red (57%)

Green (75%)

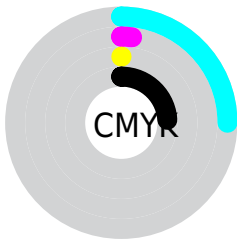
Blue (76%)



Red (57%)

Yellow (66%)

Blue (76%)

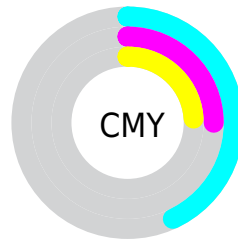


Cyan (25%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (43%)


Magenta (25%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 15.479, 204.318 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, 15.479, 204.318 by changing the saturation by 10% instead.


 74, 15.479,
204.318


 74, 15.479,
204.318


 100, 15.479,
204.318


 64, 15.479,
204.318


 94, 15.479,
204.318

 54, 15.479,
204.318

 44, 15.479,
204.318

 34, 15.479,
204.318

 24, 15.479,
204.318

 14, 15.479,
204.318

 4, 15.479, 204.318

0, 15.479, 204.318

74, 15.479,
204.318

74, 15.479,
204.318

73, 20.867,
204.180

76, 9.560, 204.550

71, 25.615,
204.162

77, 3.214, 204.951

79, 3.461, 24.974

70, 29.624,
204.279

81, 10.377, 25.470

69, 32.816,
204.549

83, 17.463, 25.917

85, 22.362, 26.730

69, 35.148,
204.996

85, 21.989, 28.407

68, 36.623,
205.638

85, 21.636, 30.142

■ 67, 37.308,
206.489

■ 85, 21.303, 31.933

■ 67, 37.482,
206.978

Harmonies

Complementary

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



74, 15.479, 204.318



65, 18.354, 26.247

Rectangle

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



74, 15.479, 204.318



74, 15.479, 254.318



74, 15.479, 24.318



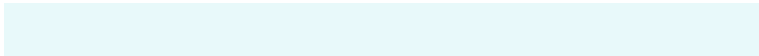
74, 15.479, 74.318

Sweetspot

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



74, 15.479, 204.313



97, 5.668, 204.828



74, 30.647, 144.135



51, 3.677, 204.801



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, 15.479, 204.313



92, 22.550, 204.225



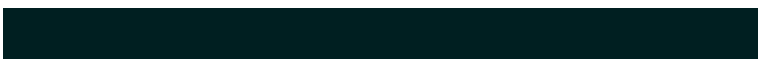
68, 16.095, 264.403



40, 3.713, 204.733



57, 32.747, 206.822



10, 11.603, 204.372

Inverse Universe

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



66, 30.410, 327.555



80, 45.177, 327.871



71, 16.858, 77.447



38, 6.925, 326.665



37, 77.936, 330.854



4, 22.854, 328.505

Previews

White Background



This preview shows how the CIELCh color 74, 15.479, 204.318 looks on a white background.

Color Contrast Check

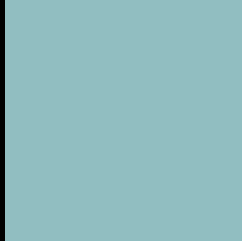
Large Text (above 18pt) WCAG AA × Fail

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, 15.479, 204.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

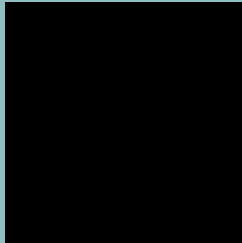
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

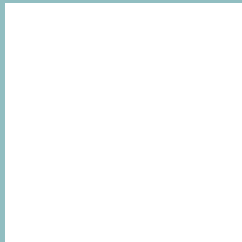
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 15.479, 204.318

Background



This preview shows how black text looks on a background with the CIELCh color 74, 15.479, 204.318.



This preview shows how white text looks on a background with the CIELCh color 74, 15.479, 204.318.

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

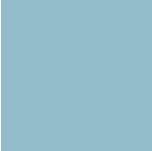
74, 15.479, 204.318

Protanopia

74, 3.972, 306.687

Deuteranopia

74, 12.376, 319.243

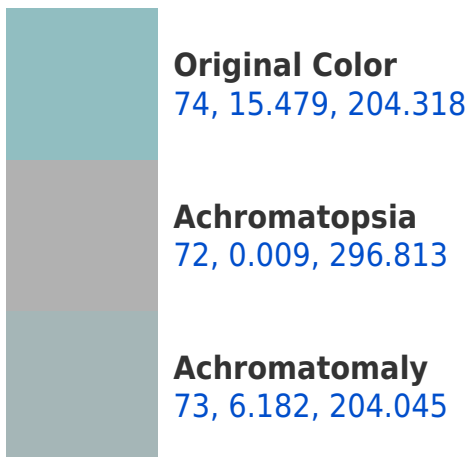


Tritanopia
74, 15.729, 229.803

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 15.479, 204.318 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(145, 190, 193)` looks like.

```
.text, #text, p{  
    color:rgb(145, 190, 193)  
}
```

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(145, 190, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 190, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 15.479, 204.318 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(145, 190, 193) }
```

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

```
.border{ border-color:rgb(145, 190, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 190, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 190, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 190, 193);  
box-shadow:4px 4px 4px 4px rgb(145, 190,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 15.479, 204.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 190, 193) }
```

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

```
.background{ background-color: rgb(145,  
190, 193) }
```

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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