

Converting Colors

CIELCh(74, 15.252, 198.244)

Have a look what the booklet for
CIELCh(74, 15.252, 198.244)
contains.

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Color

CIELCh(74, 15.243, 198.249)

Conversions

Conversions Part 1

Format	Color
Hex	92BEBE
RGB	146, 190, 190
RGB Percent	57%, 75%, 75%
CMY	0.4271, 0.2546, 0.2546
CMYK	0.23, 0.00, 0.00, 0.25
HSL	180°, 25%, 66%
HSV	180°, 23%, 75%
XYZ	39.6043, 46.7039, 55.6914
YIQ	176.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

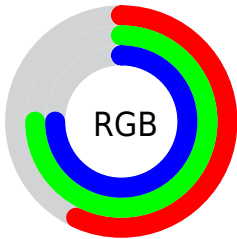
Format	Color
R_{YB}	146, 168, 190
Decimal	9617086
CIE _{Lab}	74.00, -14.48, -4.77
CIE _{LCh}	74, 15.243, 198.249
Yxy	46.7039, 0.2789, 0.3289
Android (android.graphics.Color)	4287807166 (0xFF92BEBE)
YUV	176.8440, 6.4859, -27.0502
Hunter-Lab	68.3403, -16.1519, -0.4780

Details

The CIELCh color **74, 15.243, 198.249** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 17.760, 21.120**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 15.073, 198.475**, and **54, 15.398, 197.911** is the 20% darker color. If you saturate the color by 10%, you get **73, 21.027, 197.794**, and if you desaturate by 10%, it is **75, 8.928, 198.757**.

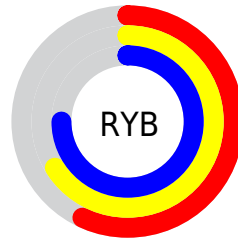
Distribution



Red (57%)

Green (75%)

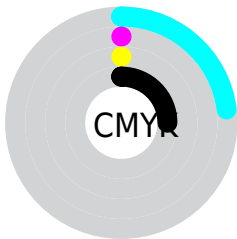
Blue (75%)



Red (57%)

Yellow (66%)

Blue (75%)

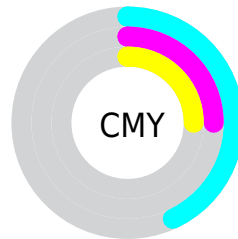


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (43%)


Magenta (25%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 15.243, 198.249 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, 15.243, 198.249 by changing the saturation by 10% instead.


 74, 15.243,
198.249

 74, 15.243,
198.249


 100, 15.243,
198.249


 64, 15.243,
198.249


 94, 15.243,
198.249

 54, 15.243,
198.249

 44, 15.243,
198.249

 34, 15.243,
198.249

 24, 15.243,
198.249

 14, 15.243,
198.249

 4, 15.243, 198.249

0, 15.243, 198.249

74, 15.243,
198.249

74, 15.243,
198.249

73, 21.027,
197.794

75, 8.928, 198.757

72, 26.169,
197.404

77, 2.191, 199.469

71, 30.567,
197.076

78, 4.864, 19.679

71, 34.145,
196.814

80, 12.145, 20.332

70, 36.860,
196.616

81, 19.574, 20.954

70, 38.716,
196.483

83, 25.051, 21.409

83, 25.051, 21.408

83, 25.051, 21.406

■ 70, 39.772,
196.406

■ 83, 25.051, 21.405

■ 70, 40.184,
196.376

Harmonies

Complementary

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



74, 15.243, 198.249



65, 17.760, 21.120

Rectangle

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



74, 15.243, 198.249



74, 15.243, 248.249



74, 15.243, 18.249



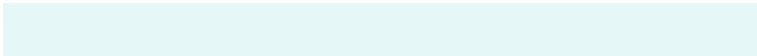
74, 15.243, 68.249

Sweetspot

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



74, 15.244, 198.244



96, 5.978, 199.121



73, 28.994, 142.525



52, 3.910, 199.080



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, 15.244, 198.244



93, 22.406, 197.998



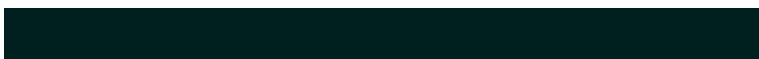
68, 13.877, 256.944



39, 3.863, 198.977



59, 35.061, 196.377



9, 11.663, 196.731

Inverse Universe

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



65, 17.760, 21.120



79, 27.142, 21.695



70, 14.854, 70.796



37, 4.096, 19.912



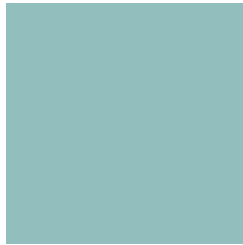
32, 72.800, 39.662



3, 12.251, 19.401

Previews

White Background



This preview shows how the CIELCh color 74, 15.243, 198.249 looks on a white background.

Color Contrast Check

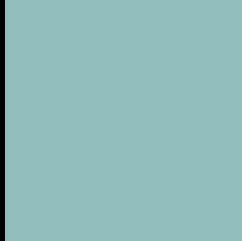
Large Text (above 18pt) WCAG AA × Fail

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, 15.243, 198.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

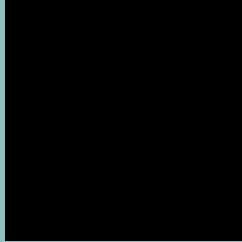
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

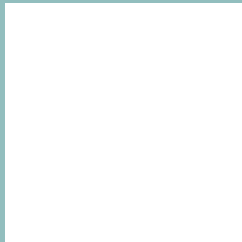
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 15.243, 198.249

Background



This preview shows how black text looks on a background with the CIELCh color 74, 15.243, 198.249.

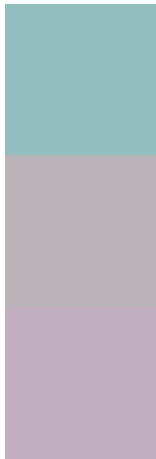


This preview shows how white text looks on a background with the CIELCh color 74, 15.243, 198.249.

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, 15.243, 198.249

Protanopia

74, 2.648, 324.468

Deuteranopia

74, 11.396, 326.461



Tritanopia
74, 15.203, 231.047

Trichromacy



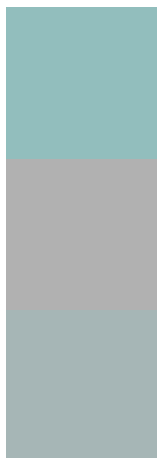
Original Color
74, 15.243, 198.249

Protanomaly
74, 5.173, 211.218

Deuteranomaly
74, 6.111, 277.087

Tritanomaly
74, 14.641, 217.980

Monochromacy



Original Color
74, 15.243, 198.249

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 5.828, 199.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 15.243, 198.249 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(146, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(146, 190, 190)  
}
```

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(146, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 190, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 15.243, 198.249 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(146, 190, 190) }
```

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

```
.border{ border-color:rgb(146, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(146, 190,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 15.243, 198.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 190, 190) }
```

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

```
.background{ background-color: rgb(146,  
190, 190) }
```

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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