

Converting Colors

CIELCh(74, 15.799, 204.173)

Have a look what the booklet for
CIELCh(74, 15.799, 204.173)
contains.

CIELCh(74, 15.791, 204.175)	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, 15.791, 204.175)

Conversions

Conversions Part 1

Format	Color
Hex	90BEC1
RGB	144, 190, 193
RGB Percent	56%, 75%, 76%
CMY	0.4346, 0.2542, 0.2425
CMYK	0.25, 0.02, 0.00, 0.24
HSL	184°, 28%, 66%
HSV	184°, 25%, 76%
XYZ	39.6266, 46.7039, 57.4792
YIQ	176.5880, -28.3790, -8.8190

Conversions

Conversions Part 2

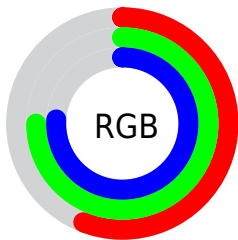
Format	Color
RYB	144, 168, 193
Decimal	9486017
CIELab	74.00, -14.41, -6.47
CIELCh	74, 15.791, 204.175
Yxy	46.7039, 0.2755, 0.3248
Android (android.graphics.Color)	4287676097 (0xFF90BEC1)
YUV	176.5880, 8.0911, -28.5797
Hunter-Lab	68.3403, -16.0935, -2.0290

Details

The CIELCh color **74, 15.791, 204.175** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 18.793, 26.180**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 15.644, 204.155**, and **54, 15.886, 204.198** is the 20% darker color. If you saturate the color by 10%, you get **73, 21.159, 204.036**, and if you desaturate by 10%, it is **76, 9.885, 204.408**.

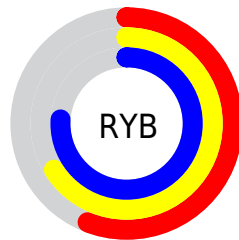
Distribution



Red (56%)

Green (75%)

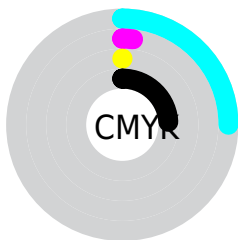
Blue (76%)



Red (56%)

Yellow (66%)

Blue (76%)

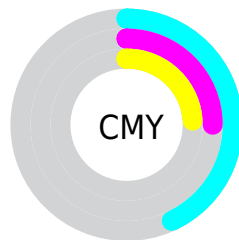


Cyan (25%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (43%)


Magenta (25%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 15.791, 204.175 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, 15.791, 204.175 by changing the saturation by 10% instead.


 74, 15.791,
204.175


 74, 15.791,
204.175


 100, 15.791,
204.175


 64, 15.791,
204.175


 94, 15.791,
204.175

 54, 15.791,
204.175

 44, 15.791,
204.175

 34, 15.791,
204.175

 24, 15.791,
204.175

 14, 15.791,
204.175

 4, 15.791, 204.175

0, 15.791, 204.175

74, 15.791,
204.175

74, 15.791,
204.175

73, 21.159,
204.036

76, 9.885, 204.408

71, 25.882,
204.016

77, 3.546, 204.797

70, 29.859,
204.130

79, 3.127, 24.820

69, 33.016,
204.397

81, 10.046, 25.334

69, 35.309,
204.838

83, 17.137, 25.785

68, 36.747,
205.473

85, 22.340, 26.545

85, 21.972, 28.188

85, 21.623, 29.886

■ 68, 37.399,
206.313

■ 85, 21.294, 31.639

■ 67, 37.558,
206.743

Harmonies

Complementary

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



74, 15.791, 204.175



65, 18.793, 26.180

Rectangle

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



74, 15.791, 204.175



74, 15.791, 254.175



74, 15.791, 24.175



74, 15.791, 74.175

Sweetspot

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



74, 15.791, 204.170



97, 6.469, 204.659



74, 31.282, 144.094



51, 4.579, 204.597



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, 15.791, 204.170



92, 22.577, 204.088



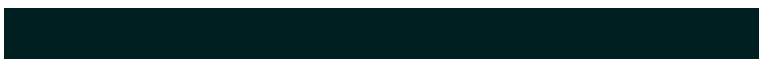
67, 16.428, 264.495



40, 3.717, 204.608



57, 32.793, 206.590



10, 11.619, 204.194

Inverse Universe

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



66, 31.067, 327.545



80, 45.217, 327.832



71, 17.225, 77.382



38, 6.931, 326.628



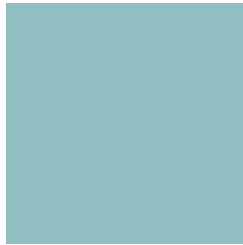
37, 78.013, 330.796



4, 22.881, 328.458

Previews

White Background



This preview shows how the CIELCh color 74, 15.791, 204.175 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, 15.791, 204.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

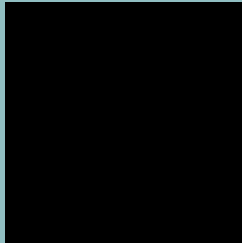
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

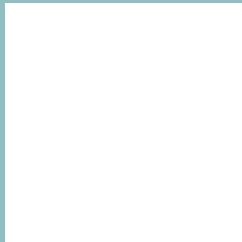
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 15.791, 204.175

Background



This preview shows how black text looks on a background with the CIELCh color 74, 15.791, 204.175.

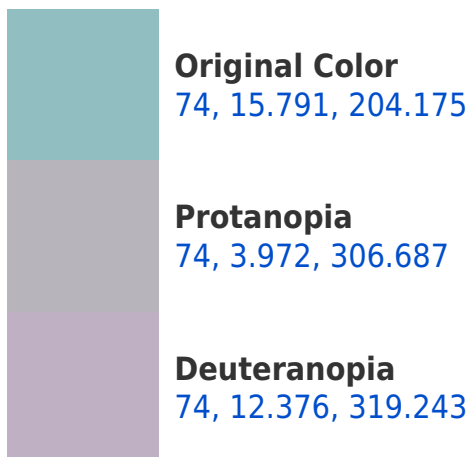


This preview shows how white text looks on a background with the CIELCh color 74, 15.791, 204.175.

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](#).

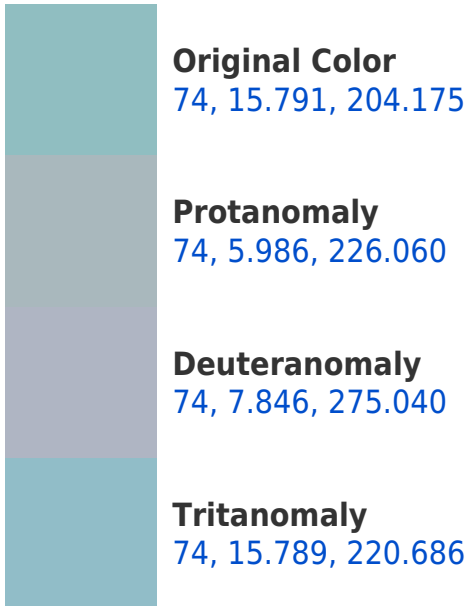
Dichromacy



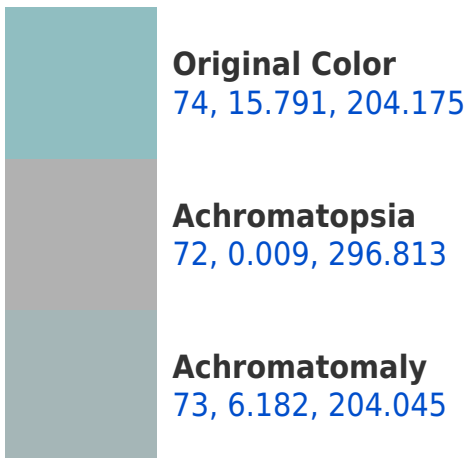


Tritanopia
74, 16.250, 228.633

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 15.791, 204.175 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(144, 190, 193)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 190, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 190, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 15.791, 204.175 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(144, 190, 193) }
```

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

```
.border{ border-color:rgb(144, 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(144, 190, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 190, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 190, 193);  
box-shadow:4px 4px 4px 4px rgb(144, 190,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 15.791, 204.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 190, 193) }
```

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

```
.background{ background-color: rgb(144,  
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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