

Converting Colors

CIELCh(74, 17.416, 179.247)

Have a look what the booklet for
CIELCh(74, 17.416, 179.247)
contains.

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Color

CIELCh(74, 17.266, 179.725)

Conversions

Conversions Part 1

Format	Color
Hex	91BFB5
RGB	145, 191, 181
RGB Percent	57%, 75%, 71%
CMY	0.4308, 0.2504, 0.2896
CMYK	0.24, 0.00, 0.05, 0.25
HSL	167°, 26%, 66%
HSV	167°, 24%, 75%
XYZ	38.7234, 46.7039, 50.7712
YIQ	176.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

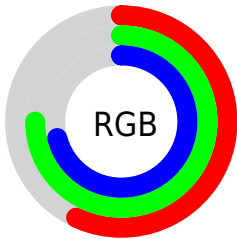
Format	Color
RYB	145, 171, 191
Decimal	9551797
CIELab	74.00, -17.27, 0.08
CIELCh	74, 17.266, 179.725
Yxy	46.7039, 0.2843, 0.3429
Android (android.graphics.Color)	4287741877 (0xFF91BFB5)
YUV	176.1060, 2.4127, -27.2800
Hunter-Lab	68.3403, -18.4526, 3.7906

Details

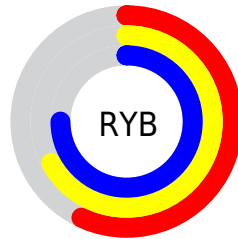
The CIELCh color **74, 17.266, 179.725** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 18.941, 4.446**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 16.913, 180.551**, and **54, 17.151, 179.996** is the 20% darker color. If you saturate the color by 10%, you get **73, 23.901, 178.687**, and if you desaturate by 10%, it is **75, 10.262, 180.704**.

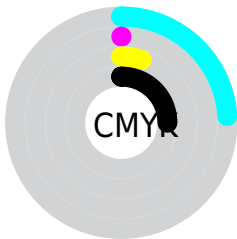
Distribution



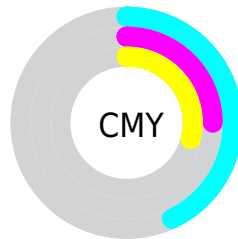
- Red (57%)
- Green (75%)
- Blue (71%)



- Red (57%)
- Yellow (67%)
- Blue (75%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)





- Cyan (43%)
- Magenta (25%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 17.266, 179.725 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, 17.266, 179.725 by changing the saturation by 10% instead.


 74, 17.266,
179.725

 74, 17.266,
179.725


 100, 17.266,
179.725


 64, 17.266,
179.725


 94, 17.266,
179.725

 54, 17.266,
179.725

 44, 17.266,
179.725

 34, 17.266,
179.725

 24, 17.266,
179.725

 14, 17.266,
179.725

 4, 17.266, 179.725

0, 17.266, 179.725

74, 17.266,
179.725

74, 17.266,
179.725

73, 23.901,
178.687

75, 10.262,
180.704

72, 30.040,
177.579

77, 3.000, 181.731

71, 35.566,
176.375

78, 4.419, 2.327

80, 11.910, 3.229

70, 40.371,
175.055

82, 19.406, 4.046

70, 44.385,
173.594

83, 25.093, 3.406

84, 25.679,
358.708

69, 47.583,
171.970

■ 69, 50.008,
170.170

■ 84, 26.441,
354.262

■ 69, 51.220,
169.065

■ 84, 27.363,
350.104

Harmonies

Complementary

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



74, 17.266, 179.725



65, 18.941, 4.446

Rectangle

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



74, 17.266, 179.725



74, 17.266, 229.725



74, 17.266, 359.725



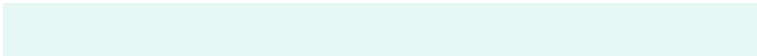
74, 17.266, 49.725

Sweetspot

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



74, 17.267, 179.722



96, 6.348, 181.389



74, 28.261, 136.635



52, 4.156, 181.327



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, 17.267, 179.722



92, 25.362, 179.172



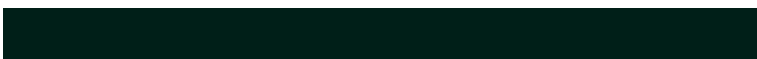
71, 13.213, 229.264



39, 4.115, 181.164



58, 44.330, 169.364



9, 13.322, 174.777

Inverse Universe

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



65, 18.941, 4.446



79, 28.454, 5.178



68, 15.333, 46.342



37, 4.261, 2.736



33, 63.913, 27.384



3, 12.577, 7.087

Previews

White Background



This preview shows how the CIELCh color 74, 17.266, 179.725 looks on a white background.

Color Contrast Check

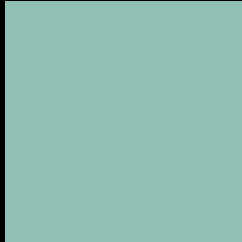
Large Text (above 18pt) WCAG AA × Fail

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, 17.266, 179.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

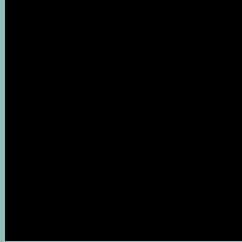
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

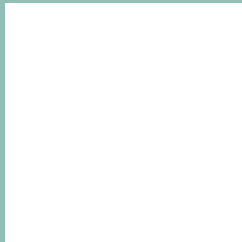
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 17.266, 179.725

Background



This preview shows how black text looks on a background with the CIELCh color 74, 17.266, 179.725.



This preview shows how white text looks on a background with the CIELCh color 74, 17.266, 179.725.

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, 17.266, 179.725

Protanopia

74, 3.734, 79.362

Deuteranopia

74, 9.018, 351.534



Tritanopia
74, 14.940, 231.705

Trichromacy



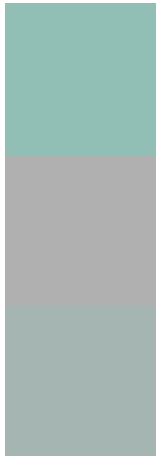
Original Color
74, 17.266, 179.725

Protanomaly
74, 6.804, 159.463

Deuteranomaly
74, 1.566, 219.865

Tritanomaly
74, 14.344, 211.556

Monochromacy



Original Color
74, 17.266, 179.725

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 6.645, 179.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 17.266, 179.725 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, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(145, 191, 181)  
}
```

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, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 191, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 17.266, 179.725 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, 191, 181) }
```

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

```
.border{ border-color:rgb(145, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(145, 191,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 17.266, 179.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 191, 181) }
```

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

```
.background{ background-color: rgb(145,  
191, 181) }
```

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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