

Converting Colors

CIELCh(70, 3.356, 176.176)

Have a look what the booklet for
CIELCh(70, 3.356, 176.176) contains.

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Color

CIELCh(70, 3.193, 179.244)

Conversions

Conversions Part 1

Format	Color
Hex	A5ADAB
RGB	165, 173, 171
RGB Percent	65%, 68%, 67%
CMY	0.3535, 0.3221, 0.3300
CMYK	0.05, 0.00, 0.01, 0.32
HSL	165°, 5%, 66%
HSV	165°, 5%, 68%
XYZ	37.7389, 40.7494, 44.3314
YIQ	170.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

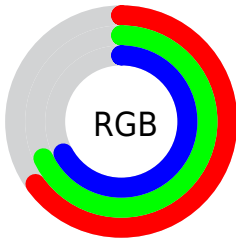
Format	Color
RYB	165, 170, 173
Decimal	10857899
CIELab	70.00, -3.19, 0.04
CIELCh	70, 3.193, 179.244
Yxy	40.7494, 0.3073, 0.3318
Android (android.graphics.Color)	4289047979 (0xFFA5ADAB)
YUV	170.3800, 0.3057, -4.7183
Hunter-Lab	63.8353, -6.1839, 3.5098

Details

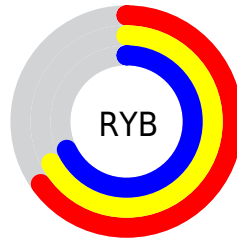
The CIELCh color $70, 3.193, 179.244$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 3.250, 359.784$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 3.034, 179.379$, and $50, 3.404, 179.045$ is the 20% darker color. If you saturate the color by 10%, you get $69, 10.001, 178.205$, and if you desaturate by 10%, it is $71, 3.737, 359.843$.

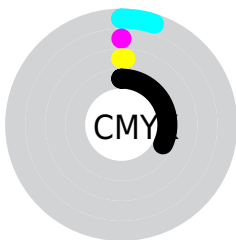
Distribution



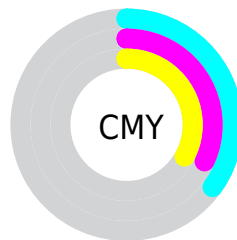
- Red (65%)
- Green (68%)
- Blue (67%)



- Red (65%)
- Yellow (67%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (35%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 3.193, 179.244 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 70, 3.193, 179.244 by changing the saturation by 10% instead.

■ 70, 3.193, 179.244

■ 70, 3.193, 179.244

■ 100, 3.193,
179.244

■ 60, 3.193, 179.244

■ 90, 3.193, 179.244

■ 50, 3.193, 179.244

■ 40, 3.193, 179.244

■ 30, 3.193, 179.244

■ 20, 3.193, 179.244

■ 10, 3.193, 179.244

■ 0, 3.193, 179.244

■ 70, 3.193, 179.244

■ 70, 3.193, 179.244

■ 69, 10.001,

■ 71, 3.737, 359.843

178.205

73, 10.717, 0.754

67, 16.592,
177.203

75, 17.686, 1.567

66, 22.862,
176.138

77, 24.596, 2.339

65, 28.698,
174.989

79, 31.415, 3.079

65, 33.990,
173.733

79, 33.974,
356.557

64, 38.639,
172.347

79, 34.803,
353.045

64, 42.575,
170.808

79, 35.767,
349.723

63, 45.774,
169.094

63, 48.273,
167.197

Harmonies

Complementary

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



70, 3.193, 179.244



68, 3.250, 359.784

Rectangle

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



70, 3.193, 179.244



70, 3.193, 229.244



70, 3.193, 359.244



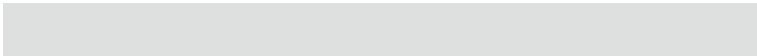
70, 3.193, 49.244

Sweetspot

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



70, 3.195, 179.224



89, 0.852, 180.040



70, 4.922, 136.620



47, 0.483, 180.082



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 3.195, 179.224



88, 5.114, 179.058



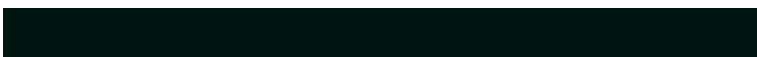
70, 2.484, 223.785



36, 2.738, 179.014



55, 44.503, 166.411



6, 8.714, 173.714

Inverse Universe

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



68, 3.250, 359.784



86, 5.224, 359.956



69, 2.547, 43.057



35, 2.800, 0.002



31, 60.338, 24.445



2, 8.168, 2.933

Previews

White Background



This preview shows how the CIE LCh color 70, 3.193, 179.244 looks on a white background.

Color Contrast Check

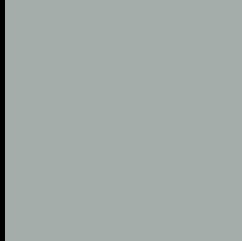
Large Text (above 18pt) WCAG AA × Fail

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 70, 3.193, 179.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

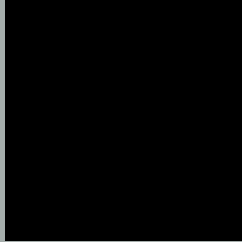
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

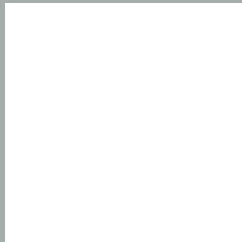
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 3.193, 179.244

Background



This preview shows how black text looks on a background with the CIELCh color 70, 3.193, 179.244.



This preview shows how white text looks on a background with the CIELCh color 70, 3.193, 179.244.

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

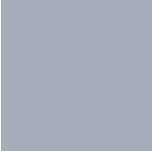
70, 3.193, 179.244

Protanopia

70, 1.604, 39.114

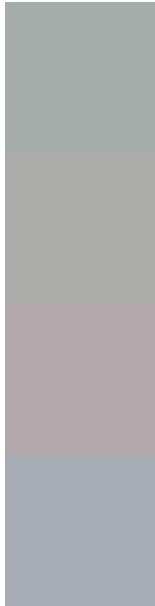
Deuteranopia

70, 8.667, 357.979



Tritanopia
70, 7.240, 279.343

Trichromacy



Original Color
70, 3.193, 179.244

Protanomaly
70, 0.538, 110.017

Deuteranomaly
70, 4.724, 352.169

Tritanomaly
70, 4.385, 260.472

Monochromacy



Original Color
70, 3.193, 179.244

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.255, 173.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 3.193, 179.244 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(165, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(165, 173, 171)  
}
```

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(165, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 173, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 3.193, 179.244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

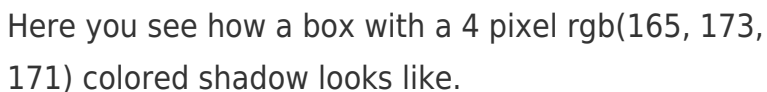
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 173, 171) }
```

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

```
.border{ border-color:rgb(165, 173, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 173, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 173, 171); box-shadow:4px 4px 4px 4px rgb(165, 173, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 3.193, 179.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 173, 171) }
```

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

```
.background{ background-color: rgb(165,  
173, 171) }
```

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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