

Converting Colors

CIELCh(71, 4.979, 219.821)

Have a look what the booklet for
CIELCh(71, 4.979, 219.821) contains.

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Color

CIELCh(71, 4.990, 218.333)

Conversions

Conversions Part 1

Format	Color
Hex	A3B0B3
RGB	163, 176, 179
RGB Percent	64%, 69%, 70%
CMY	0.3601, 0.3091, 0.2973
CMYK	0.09, 0.02, 0.00, 0.30
HSL	191°, 10%, 67%
HSV	191°, 9%, 70%
XYZ	38.8554, 42.1875, 48.8374
YIQ	172.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

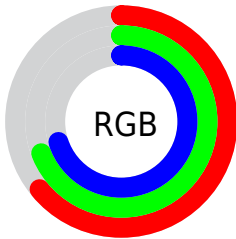
Format	Color
RYB	163, 170, 179
Decimal	10727603
CIELab	71.00, -3.91, -3.09
CIELCh	71, 4.990, 218.333
Yxy	42.1875, 0.2992, 0.3248
Android (android.graphics.Color)	4288917683 (0xFFA3B0B3)
YUV	172.4550, 3.2267, -8.2920
Hunter-Lab	64.9519, -6.8840, 0.8861

Details

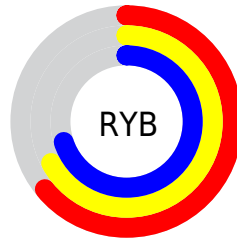
The CIELCh color $71, 4.990, 218.333$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 5.274, 37.809$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 5.092, 217.021$, and $51, 5.136, 212.112$ is the 20% darker color. If you saturate the color by 10%, you get $69, 10.291, 218.609$, and if you desaturate by 10%, it is $73, 0.610, 37.173$.

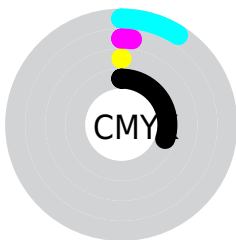
Distribution



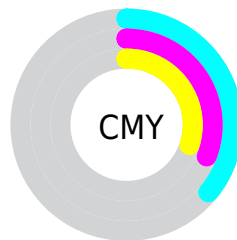
- Red (64%)
- Green (69%)
- Blue (70%)



- Red (64%)
- Yellow (67%)
- Blue (70%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (36%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.990, 218.333 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 71, 4.990, 218.333 by changing the saturation by 10% instead.

■ 71, 4.990, 218.333

■ 71, 4.990, 218.333

■ 100, 4.990,
218.333

■ 61, 4.990, 218.333

■ 91, 4.990, 218.333

■ 51, 4.990, 218.333

■ 41, 4.990, 218.333

■ 31, 4.990, 218.333

■ 21, 4.990, 218.333

■ 11, 4.990, 218.333

■ 1, 4.990, 218.333

■ 0, 4.990, 218.333

■ 71, 4.990, 218.333

■ 71, 4.990, 218.333

69, 10.291,
218.609

73, 0.610, 37.173

67, 15.214,
219.113

76, 6.439, 37.810

65, 19.676,
219.842

78, 12.441, 37.818

63, 23.591,
220.847

80, 18.565, 37.863

61, 26.882,
222.191

83, 24.772, 37.947

60, 29.496,
223.948

84, 24.989, 41.879

58, 31.416,
226.197

85, 24.503, 46.552

57, 32.681,
229.008

86, 24.190, 51.380

56, 33.455,

Harmonies

Complementary

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



71, 4.990, 218.333



69, 5.274, 37.809

Rectangle

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



71, 4.990, 218.333



71, 4.990, 268.333



71, 4.990, 38.333



71, 4.990, 88.333

Sweetspot

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



71, 4.990, 218.313



91, 2.099, 218.363



71, 9.374, 149.418



49, 1.601, 218.320



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 4.990, 218.313



89, 7.541, 218.359



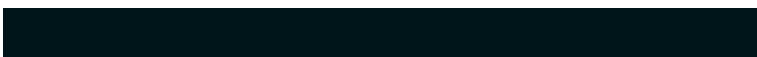
69, 6.253, 273.604



37, 3.152, 218.320



48, 29.827, 232.207



5, 7.535, 227.230

Inverse Universe

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



69, 9.375, 330.602



86, 14.269, 330.747



71, 6.242, 91.317



35, 5.928, 330.627



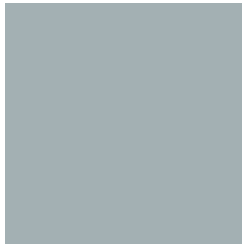
34, 68.367, 337.235



2, 13.483, 332.942

Previews

White Background



This preview shows how the CIE LCh color 71, 4.990, 218.333 looks on a white background.

Color Contrast Check

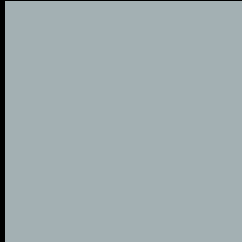
Large Text (above 18pt) WCAG AA × Fail

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 71, 4.990, 218.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

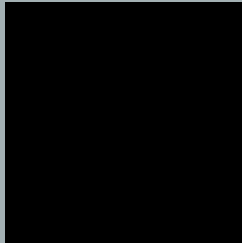
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

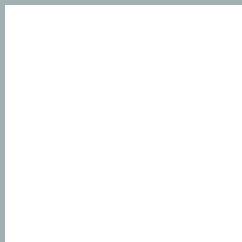
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.990, 218.333

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.990, 218.333.



This preview shows how white text looks on a background with the CIELCh color 71, 4.990, 218.333.

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](#).

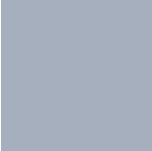
Dichromacy



Original Color
71, 4.990, 218.333

Protanopia
71, 2.473, 317.317

Deuteranopia
71, 10.086, 335.598



Tritanopia
71, 8.362, 265.635

Trichromacy



Original Color
71, 4.990, 218.333

Protanomaly
71, 2.438, 263.350

Deuteranomaly
71, 5.598, 318.323

Tritanomaly
71, 6.677, 254.302

Monochromacy



Original Color
71, 4.990, 218.333

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.929, 215.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.990, 218.333 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(163, 176, 179)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 179)  
}
```

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(163, 176, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.990, 218.333 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(163, 176, 179) }
```

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

```
.border{ border-color:rgb(163, 176, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 176, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 179);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.990, 218.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 179) }
```

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

```
.background{ background-color: rgb(163,  
176, 179) }
```

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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