

Converting Colors

CIELCh(71, 6.717, 246.183)

Have a look what the booklet for
CIELCh(71, 6.717, 246.183) contains.

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Color

CIELCh(71, 6.706, 246.422)

Conversions

Conversions Part 1

Format	Color
Hex	A3B0B9
RGB	163, 176, 185
RGB Percent	64%, 69%, 73%
CMY	0.3619, 0.3109, 0.2756
CMYK	0.12, 0.05, 0.00, 0.28
HSL	205°, 14%, 68%
HSV	205°, 12%, 72%
XYZ	39.2436, 42.1875, 51.8160
YIQ	173.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

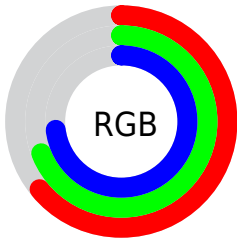
Format	Color
R_YB	163, 171, 185
Decimal	10727609
CIE Lab	71.00, -2.68, -6.15
CIE LCh	71, 6.706, 246.422
Yxy	42.1875, 0.2945, 0.3166
Android (android.graphics.Color)	4288917689 (0xFFA3B0B9)
YUV	173.1390, 5.8475, -8.8919
Hunter-Lab	64.9519, -5.8170, -1.8328

Details

The CIELCh color **71, 6.706, 246.422** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 7.023, 63.692**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 6.639, 243.964**, and **51, 6.690, 243.348** is the 20% darker color. If you saturate the color by 10%, you get **68, 12.163, 247.798**, and if you desaturate by 10%, it is **74, 1.091, 245.551**.

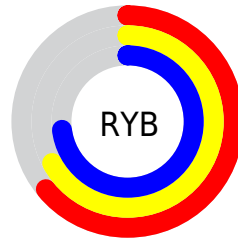
Distribution



Red (64%)

Green (69%)

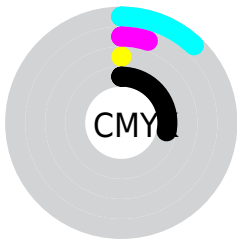
Blue (73%)



Red (64%)

Yellow (67%)

Blue (73%)

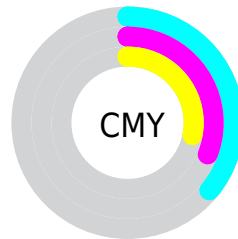


Cyan (12%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (36%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.706, 246.422 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, 6.706, 246.422 by changing the saturation by 10% instead.

■ 71, 6.706, 246.422

■ 71, 6.706, 246.422

■ 100, 6.706,
246.422

■ 61, 6.706, 246.422

■ 91, 6.706, 246.422

■ 51, 6.706, 246.422

■ 41, 6.706, 246.422

■ 31, 6.706, 246.422

■ 21, 6.706, 246.422

■ 11, 6.706, 246.422

■ 1, 6.706, 246.422

■ 0, 6.706, 246.422

■ 71, 6.706, 246.422

■ 71, 6.706, 246.422

68, 12.163,
247.798

74, 1.091, 245.551

64, 17.424,
249.508

78, 4.641, 64.107

61, 22.448,
251.591

81, 10.458, 63.338

58, 27.204,
254.120

85, 16.331, 62.662

55, 31.680,
257.164

88, 22.212, 62.134

52, 35.895,
260.776

90, 23.109, 73.709

49, 39.913,
264.965

92, 24.873, 83.968

47, 43.843,
269.658

94, 27.323, 92.560

45, 47.090,

273.566

Harmonies

Complementary

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



71, 6.706, 246.422



71, 7.023, 63.692

Rectangle

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



71, 6.706, 246.422



71, 6.706, 296.422



71, 6.706, 66.422



71, 6.706, 116.422

Sweetspot

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



71, 6.705, 246.408



93, 2.813, 245.586



73, 10.937, 157.746



49, 1.996, 245.642



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 6.705, 246.408



89, 9.712, 246.703



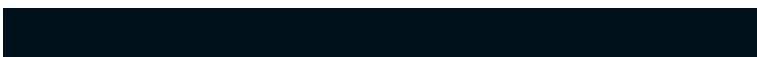
68, 10.922, 287.144



37, 3.185, 246.101



38, 41.029, 272.843



4, 9.394, 258.817

Inverse Universe

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



69, 10.974, 339.930



86, 15.977, 340.122



74, 10.693, 104.565



36, 5.183, 339.717



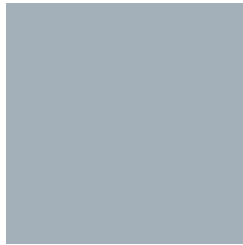
34, 60.317, 353.208



3, 12.930, 345.532

Previews

White Background



This preview shows how the CIELCh color 71, 6.706, 246.422 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, 6.706, 246.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

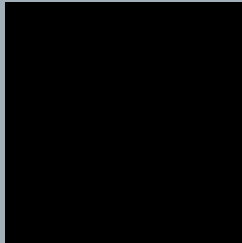
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

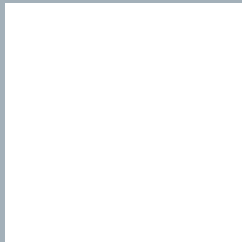
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.706, 246.422

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.706, 246.422.



This preview shows how white text looks on a background with the CIELCh color 71, 6.706, 246.422.

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

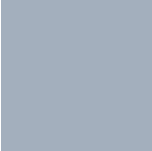
71, 6.706, 246.422

Protanopia

71, 5.484, 294.562

Deuteranopia

71, 11.062, 323.298



Tritanopia
71, 8.669, 261.381

Trichromacy



Original Color
71, 6.706, 246.422

Protanomaly
71, 5.627, 275.724

Deuteranomaly
71, 8.525, 305.893

Tritanomaly
71, 7.752, 257.166

Monochromacy



Original Color
71, 6.706, 246.422

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.453, 241.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.706, 246.422 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.706, 246.422 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, 185) }
```

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

```
.border{ border-color:rgb(163, 176, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 185);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.706, 246.422 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, 185) }
```

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

```
.background{ background-color: rgb(163,  
176, 185) }
```

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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