

Converting Colors

CIELCh(71, 11.920, 270.031)

Have a look what the booklet for
CIELCh(71, 11.920, 270.031)
contains.

CIELCh(71, 11.719, 268.375)	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(71, 11.719, 268.375)

Conversions

Conversions Part 1

Format	Color
Hex	A2AFC3
RGB	162, 175, 195
RGB Percent	64%, 69%, 76%
CMY	0.3654, 0.3144, 0.2360
CMYK	0.17, 0.10, 0.00, 0.24
HSL	216°, 22%, 70%
HSV	216°, 17%, 76%
XYZ	39.9914, 42.1875, 57.5593
YIQ	173.3930, -14.1680, 3.4640

Conversions

Conversions Part 2

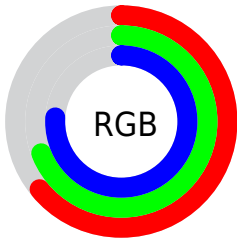
Format	Color
R _Y B	162, 171, 195
Decimal	10661827
CIE Lab	71.00, -0.33, -11.71
CIE LCh	71, 11.719, 268.375
Yxy	42.1875, 0.2862, 0.3019
Android (android.graphics.Color)	4288851907 (0xFFA2AFC3)
YUV	173.3930, 10.6523, -9.9917
Hunter-Lab	64.9519, -3.7619, -7.0755

Details

The CIELCh color $71, 11.719, 268.375$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 11.910, 83.785$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 12.123, 269.912$, and $51, 11.382, 266.783$ is the 20% darker color. If you saturate the color by 10%, you get $66, 18.700, 270.097$, and if you desaturate by 10%, it is $76, 4.784, 266.920$.

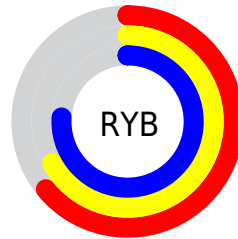
Distribution



Red (64%)

Green (69%)

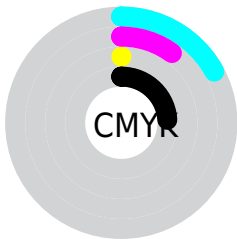
Blue (76%)



Red (64%)

Yellow (67%)

Blue (76%)

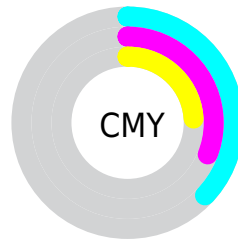


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (37%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 11.719, 268.375 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, 11.719, 268.375 by changing the saturation by 10% instead.

■ 71, 11.719,
268.375

■ 71, 11.719,
268.375

■ 100, 11.719,
268.375

■ 61, 11.719,
268.375

■ 91, 11.719,
268.375

■ 51, 11.719,
268.375

■ 41, 11.719,
268.375

■ 31, 11.719,
268.375

■ 21, 11.719,
268.375

■ 11, 11.719,
268.375

■ 1, 11.719, 268.375

0, 11.719, 268.375

71, 11.719,
268.375

71, 11.719,
268.375

66, 18.700,
270.097

76, 4.784, 266.920

80, 2.093, 85.456

62, 25.727,
272.131

85, 8.907, 84.460

57, 32.806,
274.517

89, 15.649, 83.520

53, 39.955,
277.296

93, 21.626, 86.593

96, 26.064,
100.314

49, 47.211,
280.484

99, 30.314,
107.873

45, 54.620,
284.054

■ 41, 62.222,
287.910

■ 37, 69.998,
291.856

■ 36, 72.412,
292.984

Harmonies

Complementary

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



71, 11.719, 268.375



75, 11.910, 83.785

Rectangle

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



71, 11.719, 268.375



71, 11.719, 318.375



71, 11.719, 88.375



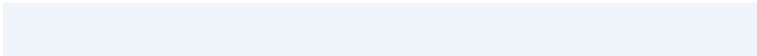
71, 11.719, 138.375

Sweetspot

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



71, 11.718, 268.369



96, 4.256, 266.691



76, 14.020, 167.892



51, 2.928, 266.777



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 11.718, 268.369



88, 17.098, 268.921



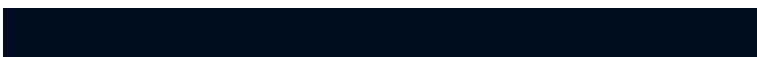
68, 18.277, 295.645



39, 3.896, 267.244



30, 61.819, 292.391



4, 14.279, 276.766

Inverse Universe

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



70, 14.441, 351.360



86, 21.143, 351.728



78, 17.596, 112.738



38, 4.759, 350.577



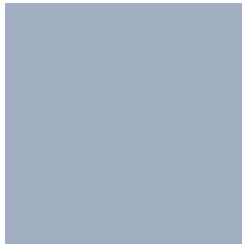
34, 60.029, 11.633



3, 15.064, 358.495

Previews

White Background



This preview shows how the CIELCh color 71, 11.719, 268.375 looks on a white background.

Color Contrast Check

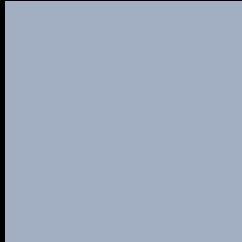
Large Text (above 18pt) WCAG AA × Fail

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 71, 11.719, 268.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

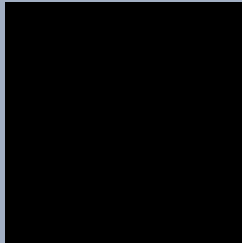
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

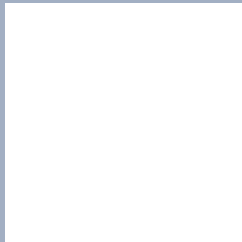
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 11.719, 268.375

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.719, 268.375.



This preview shows how white text looks on a background with the CIELCh color 71, 11.719, 268.375.

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, 11.719, 268.375

Protanopia

71, 11.480, 289.531

Deuteranopia

71, 15.351, 306.467



Tritanopia
71, 9.195, 255.608

Trichromacy



Original Color
71, 11.719, 268.375

Protanomaly
71, 11.572, 282.505

Deuteranomaly
71, 13.707, 294.488

Tritanomaly
71, 10.088, 259.411

Monochromacy



Original Color
71, 11.719, 268.375

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.212, 264.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.719, 268.375 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(162, 175, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 195)  
}
```

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(162, 175, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.719, 268.375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

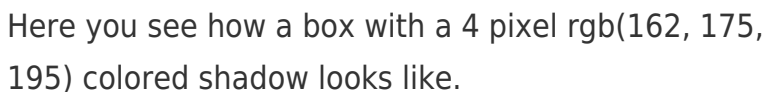
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 175, 195) }
```

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

```
.border{ border-color:rgb(162, 175, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 175, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.719, 268.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 195) }
```

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

```
.background{ background-color: rgb(162,  
175, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor