

Converting Colors

CIELCh(71, 6.305, 288.795)

Have a look what the booklet for
CIELCh(71, 6.305, 288.795) contains.

CIELCh(71, 6.562, 287.651)	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, 6.562, 287.651)

Conversions

Conversions Part 1

Format	Color
Hex	ACADB9
RGB	172, 173, 185
RGB Percent	67%, 68%, 73%
CMY	0.3253, 0.3214, 0.2743
CMYK	0.07, 0.06, 0.00, 0.27
HSL	235°, 9%, 70%
HSV	235°, 7%, 73%
XYZ	40.7396, 42.1875, 51.9225
YIQ	174.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

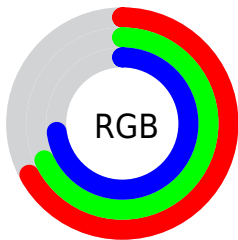
Format	Color
RYB	172, 173, 185
Decimal	11316665
CIELab	71.00, 1.99, -6.25
CIElCh	71, 6.562, 287.651
Yxy	42.1875, 0.3021, 0.3128
Android (android.graphics.Color)	4289506745 (0xFFACADB9)
YUV	174.0690, 5.3890, -1.8145
Hunter-Lab	64.9519, -1.7057, -1.9301

Details

The CIELCh color $71, 6.562, 287.651$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 6.464, 106.165$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 6.753, 287.779$, and $51, 6.420, 287.561$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.181, 288.843$, and if you desaturate by 10%, it is $77, 2.716, 106.563$.

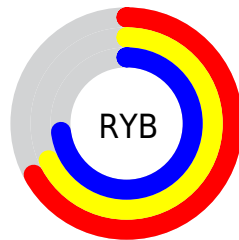
Distribution



Red (67%)

Green (68%)

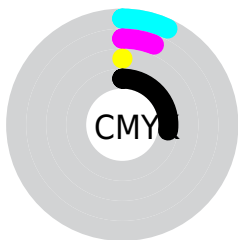
Blue (73%)



Red (67%)

Yellow (68%)

Blue (73%)

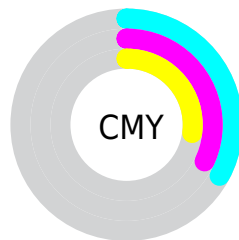


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.562, 287.651 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, 6.562, 287.651 by changing the saturation by 10% instead.

■ 71, 6.562, 287.651

■ 71, 6.562, 287.651

■ 100, 6.562,
287.651

■ 61, 6.562, 287.651

■ 91, 6.562, 287.651

■ 51, 6.562, 287.651

■ 41, 6.562, 287.651

■ 31, 6.562, 287.651

■ 21, 6.562, 287.651

■ 11, 6.562, 287.651

■ 1, 6.562, 287.651

■ 0, 6.562, 287.651

■ 71, 6.562, 287.651

■ 71, 6.562, 287.651

65, 16.181,
288.843

77, 2.716, 106.563

59, 26.175,
290.260

83, 11.675,
105.705

53, 36.572,
291.919

89, 20.336,
104.949

47, 47.392,
293.845

94, 28.720,
104.294

41, 58.617,
296.034

99, 35.158,
107.499

36, 70.113,
298.434

31, 81.480,
300.903

27, 91.844,
303.192

24, 99.842,

Harmonies

Complementary

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



71, 6.562, 287.651



75, 6.464, 106.165

Rectangle

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



71, 6.562, 287.651



71, 6.562, 337.651



71, 6.562, 107.651



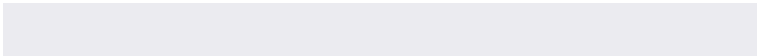
71, 6.562, 157.651

Sweetspot

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



71, 6.560, 287.642



93, 2.292, 287.140



74, 4.798, 192.099



50, 1.302, 287.132



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, 6.560, 287.642



89, 9.236, 287.764



71, 7.405, 306.433



36, 5.277, 287.900



19, 88.763, 305.142



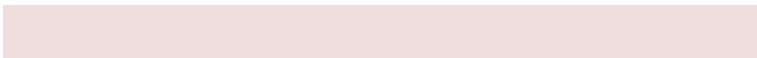
1, 14.506, 287.948

Inverse Universe

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



71, 4.975, 13.459



89, 7.018, 13.565



74, 7.312, 125.786



36, 4.018, 13.679



32, 68.989, 36.380



2, 10.685, 14.722

Previews

White Background



This preview shows how the CIELCh color 71, 6.562, 287.651 looks on a white background.

Color Contrast Check

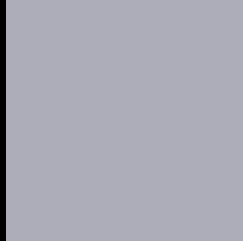
Large Text (above 18pt) WCAG AA × Fail

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, 6.562, 287.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

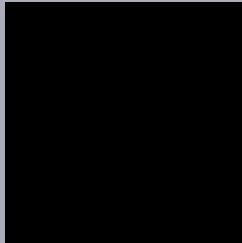
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

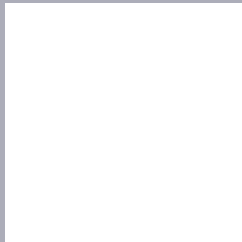
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.562, 287.651

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.562, 287.651.

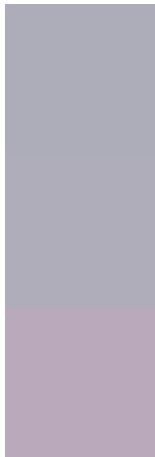


This preview shows how white text looks on a background with the CIELCh color 71, 6.562, 287.651.

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, 6.562, 287.651

Protanopia

71, 6.573, 294.015

Deuteranopia

71, 11.062, 323.298



Tritanopia
71, 7.107, 287.955

Trichromacy



Original Color
71, 6.562, 287.651

Protanomaly
71, 6.558, 290.832

Deuteranomaly
71, 9.536, 313.650

Tritanomaly
71, 7.107, 287.955

Monochromacy



Original Color
71, 6.562, 287.651

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.215, 280.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.562, 287.651 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(172, 173, 185)` looks like.

```
.text, #text, p{  
    color:rgb(172, 173, 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(172, 173, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 173, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.562, 287.651 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(172, 173, 185) }
```

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

```
.border{ border-color:rgb(172, 173, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 173, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 173, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 173, 185);  
box-shadow:4px 4px 4px 4px rgb(172, 173,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.562, 287.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 173, 185) }
```

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

```
.background{ background-color: rgb(172,  
173, 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](#).

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