

Converting Colors

CIELCh(73, 2.863, 6.015)

Have a look what the booklet for
CIELCh(73, 2.863, 6.015) contains.

CIELCh(73, 3.205, 359.768)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(73, 3.205, 359.768)

Conversions

Conversions Part 1

Format	Color
Hex	B9B1B3
RGB	185, 177, 179
RGB Percent	73%, 69%, 70%
CMY	0.2734, 0.3048, 0.2970
CMYK	0.00, 0.04, 0.03, 0.27
HSL	345°, 5%, 71%
HSV	345°, 4%, 73%
XYZ	44.0123, 45.1644, 49.1888
YIQ	179.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

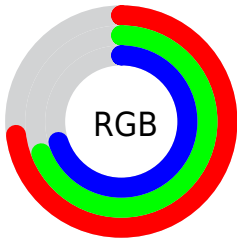
Format	Color
RYB	185, 177, 179
Decimal	12169651
CIELab	73.00, 3.20, -0.01
CIELCh	73, 3.205, 359.768
Yxy	45.1644, 0.3181, 0.3264
Android (android.graphics.Color)	4290359731 (0xFFB9B1B3)
YUV	179.6200, -0.3057, 4.7183
Hunter-Lab	67.2044, -0.7078, 3.6471

Details

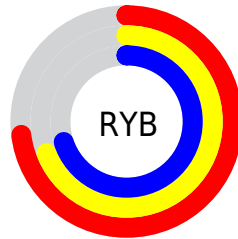
The CIELCh color $73, 3.205, 359.768$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 3.151, 179.302$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 3.044, 359.638$, and $53, 3.422, 359.955$ is the 20% darker color. If you saturate the color by 10%, you get $68, 10.867, 0.898$, and if you desaturate by 10%, it is $78, 4.104, 179.175$.

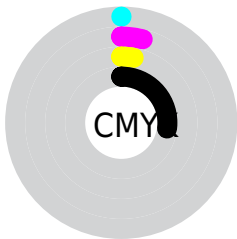
Distribution



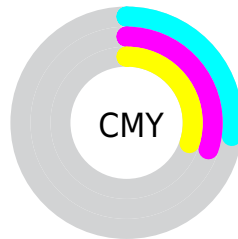
- Red (73%)
- Green (69%)
- Blue (70%)



- Red (73%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.205, 359.768 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 73, 3.205, 359.768 by changing the saturation by 10% instead.

■ 73, 3.205, 359.768

■ 73, 3.205, 359.768

■ 100, 3.205,
359.768

■ 63, 3.205, 359.768

■ 93, 3.205, 359.768

■ 53, 3.205, 359.768

■ 43, 3.205, 359.768

■ 33, 3.205, 359.768

■ 23, 3.205, 359.768

■ 13, 3.205, 359.768

■ 3, 3.205, 359.768

■ 0, 3.205, 359.768

■ 73, 3.205, 359.768

■ 73, 3.205, 359.768

68, 10.867, 0.898

78, 4.104, 179.175

63, 18.852, 2.093

84, 11.048,
178.333

58, 27.069, 3.501

89, 17.643,
177.631

54, 35.362, 5.205

49, 43.489, 7.312

94, 23.911,
177.007

46, 51.132, 9.959

95, 23.067,
189.967

43, 57.947, 13.306

41, 63.693, 17.494

96, 22.480,
198.032

39, 68.369, 22.540

Harmonies

Complementary

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



73, 3.205, 359.768



75, 3.151, 179.302

Rectangle

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



73, 3.205, 359.768



73, 3.205, 49.768



73, 3.205, 179.768



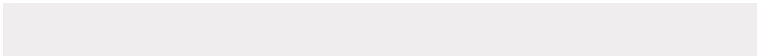
73, 3.205, 229.768

Sweetspot

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



73, 3.203, 359.789



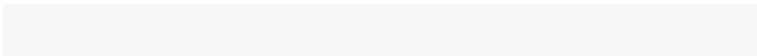
94, 0.911, 359.012



73, 4.907, 317.438



50, 0.518, 358.973



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 3.203, 359.789



91, 4.581, 359.883



73, 2.494, 45.031



37, 2.511, 359.944



32, 61.923, 24.670



2, 11.043, 4.587

Inverse Universe

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



73, 3.203, 359.789



91, 4.581, 359.883



74, 2.438, 225.825



37, 2.511, 359.944



32, 61.923, 24.670



2, 11.043, 4.587

Previews

White Background



This preview shows how the CIE LCh color 73, 3.205, 359.768 looks on a white background.

Color Contrast Check

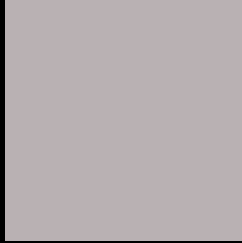
Large Text (above 18pt) WCAG AA × Fail

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 73, 3.205, 359.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

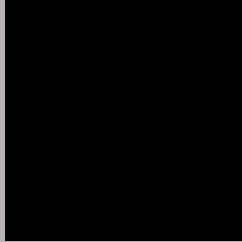
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

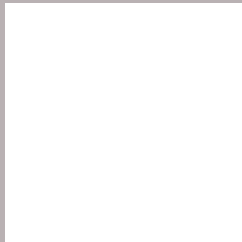
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.205, 359.768

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.205, 359.768.



This preview shows how white text looks on a background with the CIELCh color 73, 3.205, 359.768.

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

73, 3.205, 359.768

Protanopia

73, 1.862, 343.625

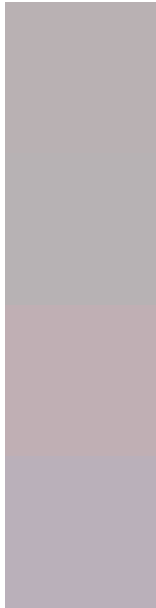
Deuteranopia

73, 9.505, 356.736



Tritanopia
73, 8.657, 318.678

Trichromacy



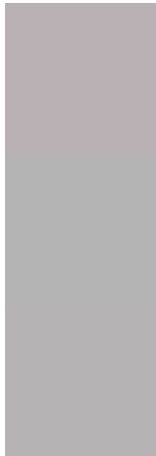
Original Color
73, 3.205, 359.768

Protanomaly
73, 2.176, 349.463

Deuteranomaly
73, 6.976, 357.137

Tritanomaly
73, 6.612, 324.696

Monochromacy



Original Color
73, 3.205, 359.768

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.255, 353.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.205, 359.768 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(185, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(185, 177, 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(185, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 177, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.205, 359.768 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(185, 177, 179) }
```

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

```
.border{ border-color:rgb(185, 177, 179) }
```

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

Here you see how a box with a 4 pixel rgb(185, 177, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(185, 177,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.205, 359.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 177, 179) }
```

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

```
.background{ background-color: rgb(185,  
177, 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](#).

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