

Converting Colors

CIELCh(73, 3.393, 303.654)

Have a look what the booklet for
CIELCh(73, 3.393, 303.654) contains.

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Color

CIELCh(73, 3.358, 303.205)

Conversions

Conversions Part 1

Format	Color
Hex	B4B2B8
RGB	180, 178, 184
RGB Percent	71%, 70%, 72%
CMY	0.2930, 0.3008, 0.2773
CMYK	0.02, 0.03, 0.00, 0.28
HSL	260°, 4%, 71%
HSV	260°, 3%, 72%
XYZ	43.5477, 45.1644, 51.9274
YIQ	179.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

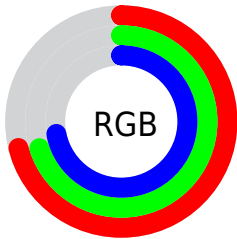
Format	Color
RYB	180, 178, 184
Decimal	11842232
CIELab	73.00, 1.84, -2.81
CIELCh	73, 3.358, 303.205
Yxy	45.1644, 0.3096, 0.3211
Android (android.graphics.Color)	4290032312 (0xFFB4B2B8)
YUV	179.2820, 2.3260, 0.6297
Hunter-Lab	67.2044, -1.9419, 1.2310

Details

The CIELCh color $73, 3.358, 303.205$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 3.320, 122.881$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 3.193, 303.161$, and $53, 3.579, 303.275$ is the 20% darker color. If you saturate the color by 10%, you get $67, 13.877, 303.787$, and if you desaturate by 10%, it is $79, 6.806, 122.708$.

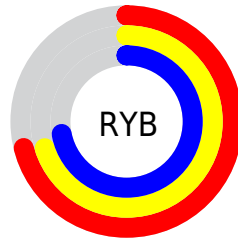
Distribution



Red (71%)

Green (70%)

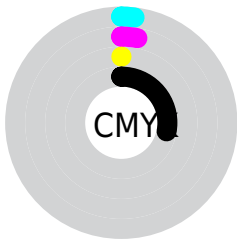
Blue (72%)



Red (71%)

Yellow (70%)

Blue (72%)

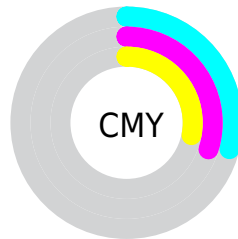


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (30%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.358, 303.205 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, 3.358, 303.205 by changing the saturation by 10% instead.

■ 73, 3.358, 303.205

■ 73, 3.358, 303.205

100, 3.358,
303.205

■ 63, 3.358, 303.205

■ 93, 3.358, 303.205

■ 53, 3.358, 303.205

■ 43, 3.358, 303.205

■ 33, 3.358, 303.205

■ 23, 3.358, 303.205

■ 13, 3.358, 303.205

■ 3, 3.358, 303.205

■ 0, 3.358, 303.205

■ 73, 3.358, 303.205

■ 73, 3.358, 303.205

67, 13.877,
303.787

79, 6.806, 122.708

61, 24.760,
304.445

85, 16.622,
122.258

56, 35.984,
305.176

90, 26.107,
121.872

50, 47.488,
305.970

96, 35.281,
121.538

44, 59.133,
306.801

98, 35.937,
115.547

39, 70.636,
307.619

98, 35.538,
108.065

34, 81.486,
308.335

99, 35.535,
107.470

30, 90.865,
308.812

27, 97.747,

308.886

Harmonies

Complementary

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



73, 3.358, 303.205



75, 3.320, 122.881

Rectangle

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



73, 3.358, 303.205



73, 3.358, 353.205



73, 3.358, 123.205



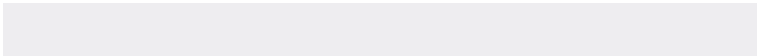
73, 3.358, 173.205

Sweetspot

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



73, 3.356, 303.193



94, 1.279, 303.035



74, 1.816, 234.127



50, 0.727, 303.030



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, 3.356, 303.193



92, 5.110, 303.240



73, 3.753, 319.398



37, 2.916, 303.275



20, 89.101, 308.910



1, 15.635, 299.839

Inverse Universe

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



73, 3.138, 335.771



92, 4.776, 335.848



74, 3.731, 139.217



38, 2.724, 335.900



34, 62.699, 347.051



3, 13.687, 341.176

Previews

White Background



This preview shows how the CIELCh color 73, 3.358, 303.205 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, 3.358, 303.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

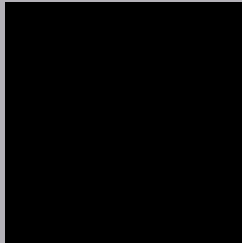
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

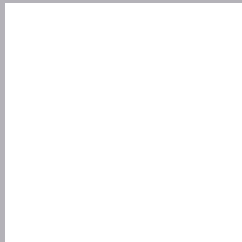
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.358, 303.205

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.358, 303.205.



This preview shows how white text looks on a background with the CIELCh color 73, 3.358, 303.205.

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, 3.358, 303.205

Protanopia

73, 3.462, 309.177

Deuteranopia

73, 9.596, 341.831



Tritanopia
73, 7.773, 301.695

Trichromacy



Original Color
73, 3.358, 303.205

Protanomaly
73, 3.462, 309.177

Deuteranomaly
73, 6.910, 335.017

Tritanomaly
73, 6.710, 303.386

Monochromacy



Original Color
73, 3.358, 303.205

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.682, 303.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.358, 303.205 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(180, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(180, 178, 184)  
}
```

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(180, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 178, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.358, 303.205 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(180, 178, 184) }
```

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

```
.border{ border-color:rgb(180, 178, 184) }
```

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

Here you see how a box with a 4 pixel rgb(180, 178, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 178, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 178, 184);  
box-shadow:4px 4px 4px 4px rgb(180, 178,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.358, 303.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 178, 184) }
```

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

```
.background{ background-color: rgb(180,  
178, 184) }
```

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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