

Converting Colors

CIELCh(73, 3.533, 22.765)

Have a look what the booklet for
CIELCh(73, 3.533, 22.765) contains.

CIELCh(73, 3.396, 19.543)	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, 3.396, 19.543)

Conversions

Conversions Part 1

Format	Color
Hex	BAB1B1
RGB	186, 177, 177
RGB Percent	73%, 69%, 69%
CMY	0.2698, 0.3051, 0.3051
CMYK	0.00, 0.05, 0.05, 0.27
HSL	0°, 6%, 71%
HSV	0°, 5%, 73%
XYZ	44.0107, 45.1644, 48.0922
YIQ	179.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

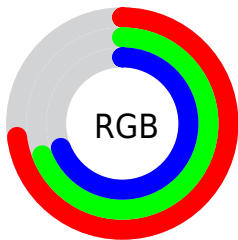
Format	Color
RYB	186, 177, 177
Decimal	12235185
CIELab	73.00, 3.20, 1.14
CIELCh	73, 3.396, 19.543
Yxy	45.1644, 0.3206, 0.3290
Android (android.graphics.Color)	4290425265 (0xFFBAB1B1)
YUV	179.6910, -1.3267, 5.5330
Hunter-Lab	67.2044, -0.7120, 4.6146

Details

The CIELCh color **73, 3.396, 19.543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 3.294, 199.331**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 3.219, 19.433**, and **53, 3.636, 19.696** is the 20% darker color. If you saturate the color by 10%, you get **68, 10.831, 20.387**, and if you desaturate by 10%, it is **78, 3.486, 199.323**.

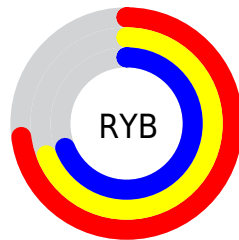
Distribution



Red (73%)

Green (69%)

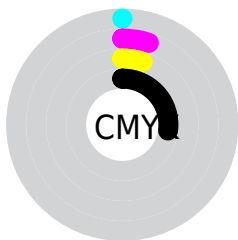
Blue (69%)



Red (73%)

Yellow (69%)

Blue (69%)

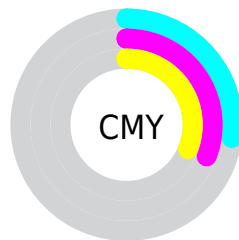


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.396, 19.543 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, 3.396, 19.543 by changing the saturation by 10% instead.

■ 73, 3.396, 19.543

■ 73, 3.396, 19.543

■ 100, 3.396, 19.543

■ 63, 3.396, 19.543

■ 93, 3.396, 19.543

■ 53, 3.396, 19.543

■ 43, 3.396, 19.543

■ 33, 3.396, 19.543

■ 23, 3.396, 19.543

■ 13, 3.396, 19.543

■ 3, 3.396, 19.543

■ 0, 3.396, 19.543

■ 73, 3.396, 19.543

■ 73, 3.396, 19.543

68, 10.831, 20.387

78, 3.486, 199.323

63, 18.846, 21.323

84, 9.854, 198.788

58, 27.426, 22.524

89, 15.761,
198.419

53, 36.496, 24.087

95, 21.260,
198.129

49, 45.902, 26.121

45, 55.399, 28.722

96, 22.213,
198.049

42, 64.643, 31.911

40, 73.107, 35.454

39, 79.673, 38.564

Harmonies

Complementary

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



73, 3.396, 19.543



75, 3.294, 199.331

Rectangle

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



73, 3.396, 19.543



73, 3.396, 69.543



73, 3.396, 199.543



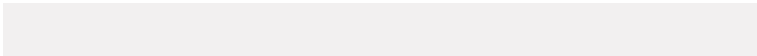
73, 3.396, 249.543

Sweetspot

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



73, 3.395, 19.572



95, 0.858, 18.756



73, 5.949, 324.663



51, 0.492, 18.713



98, 0.011, 296.813



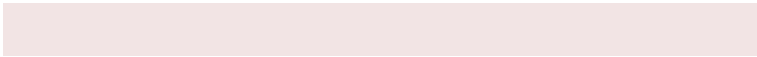
51, 0.007, 296.813

Same Dimension

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



73, 3.395, 19.572



92, 5.243, 19.685



74, 2.945, 74.722



38, 2.835, 19.723



32, 72.798, 39.670



3, 12.248, 19.426

Inverse Universe

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



75, 3.294, 199.331



95, 5.048, 199.230



74, 2.924, 256.136



39, 2.722, 199.197



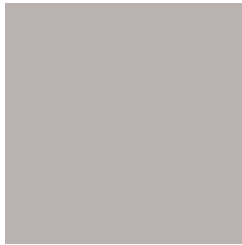
59, 35.041, 196.442



9, 11.657, 196.783

Previews

White Background



This preview shows how the CIELCh color 73, 3.396, 19.543 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, 3.396, 19.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

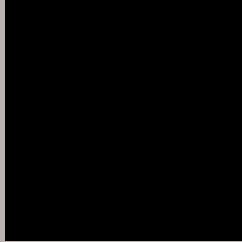
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

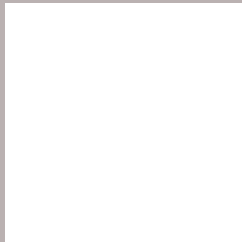
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.396, 19.543

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.396, 19.543.

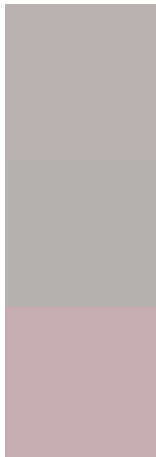


This preview shows how white text looks on a background with the CIELCh color 73, 3.396, 19.543.

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, 3.396, 19.543

Protanopia

73, 1.877, 19.293

Deuteranopia

73, 9.524, 3.729



Tritanopia
73, 9.038, 322.853

Trichromacy



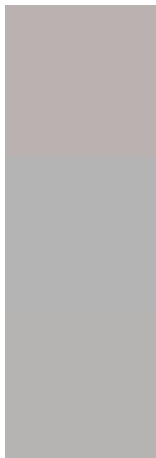
Original Color
73, 3.396, 19.543

Protanomaly
73, 2.255, 19.370

Deuteranomaly
73, 7.021, 6.600

Tritanomaly
73, 6.406, 330.211

Monochromacy



Original Color
73, 3.396, 19.543

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.123, 19.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.396, 19.543 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(186, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 177, 177)  
}
```

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(186, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 177, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.396, 19.543 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(186, 177, 177) }
```

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

```
.border{ border-color:rgb(186, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(186, 177,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.396, 19.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 177, 177) }
```

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

```
.background{ background-color: rgb(186,  
177, 177) }
```

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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