

Converting Colors

CIELCh(73, 5.300, 44.874)

Have a look what the booklet for
CIELCh(73, 5.300, 44.874) contains.

CIELCh(73, 5.315, 50.181)	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, 5.315, 50.181)

Conversions

Conversions Part 1

Format	Color
Hex	BDB1AC
RGB	189, 177, 172
RGB Percent	74%, 69%, 67%
CMY	0.2594, 0.3064, 0.3260
CMYK	0.00, 0.06, 0.09, 0.26
HSL	18°, 11%, 71%
HSV	18°, 9%, 74%
XYZ	44.0801, 45.1644, 45.3550
YIQ	180.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

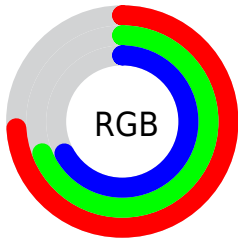
Format	Color
RYB	189, 179, 172
Decimal	12431788
CIELab	73.00, 3.40, 4.08
CIELCh	73, 5.315, 50.181
Yxy	45.1644, 0.3275, 0.3355
Android (android.graphics.Color)	4290621868 (0xFFBDB1AC)
YUV	180.0180, -3.9529, 7.8772
Hunter-Lab	67.2044, -0.5277, 7.0294

Details

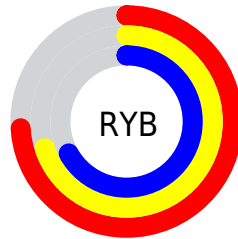
The CIELCh color $73, 5.315, 50.181$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 5.065, 231.594$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.310, 55.007$, and $53, 5.433, 44.871$ is the 20% darker color. If you saturate the color by 10%, you get $69, 11.654, 49.685$, and if you desaturate by 10%, it is $77, 0.574, 231.771$.

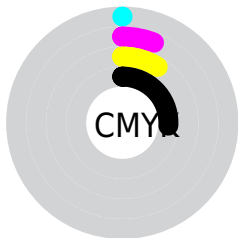
Distribution



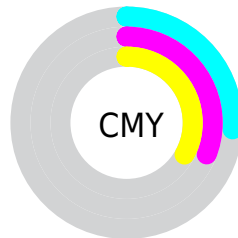
- Red (74%)
- Green (69%)
- Blue (67%)



- Red (74%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.315, 50.181 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, 5.315, 50.181 by changing the saturation by 10% instead.

 73, 5.315, 50.181

 73, 5.315, 50.181

 100, 5.315, 50.181

 63, 5.315, 50.181

 93, 5.315, 50.181

 53, 5.315, 50.181

 43, 5.315, 50.181

 33, 5.315, 50.181

 23, 5.315, 50.181

 13, 5.315, 50.181

 3, 5.315, 50.181

 0, 5.315, 50.181

 73, 5.315, 50.181

 73, 5.315, 50.181

69, 11.654, 49.685

77, 0.574, 231.771

65, 18.489, 49.205

81, 6.058, 231.663

62, 25.855, 48.815

85, 11.185,
232.310

58, 33.765, 48.539

89, 15.998,
232.990

55, 42.188, 48.389

51, 51.003, 48.341

93, 18.460,
217.248

49, 59.908, 48.296

96, 21.434,
198.097

46, 68.214, 47.980

44, 75.026, 47.134

Harmonies

Complementary

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



73, 5.315, 50.181



74, 5.065, 231.594

Rectangle

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



73, 5.315, 50.181



73, 5.315, 100.181



73, 5.315, 230.181



73, 5.315, 280.181

Sweetspot

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



73, 5.315, 50.205



95, 2.137, 50.387



72, 9.210, 334.185



50, 1.625, 50.395



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, 5.315, 50.205



91, 8.085, 50.094



75, 7.282, 98.339



38, 3.349, 50.188



37, 66.052, 47.553



4, 10.362, 39.917

Inverse Universe

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



74, 5.065, 231.594



93, 7.607, 231.754



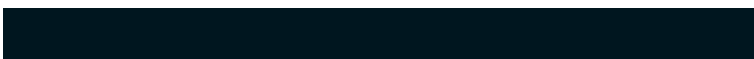
72, 7.355, 280.481



38, 3.185, 231.618



44, 33.777, 254.392



6, 9.645, 244.462

Previews

White Background



This preview shows how the CIELCh color 73, 5.315, 50.181 looks on a white background.

Color Contrast Check

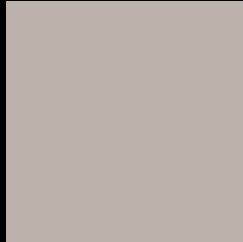
Large Text (above 18pt) WCAG AA × Fail

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 73, 5.315, 50.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

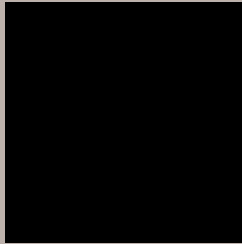
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

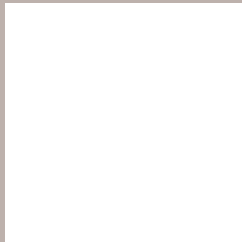
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.315, 50.181

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.315, 50.181.



This preview shows how white text looks on a background with the CIELCh color 73, 5.315, 50.181.

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, 5.315, 50.181

Protanopia

73, 3.520, 69.556

Deuteranopia

73, 10.006, 20.217



Tritanopia
73, 9.918, 330.228

Trichromacy



Original Color
73, 5.315, 50.181

Protanomaly
73, 4.055, 61.249

Deuteranomaly
73, 8.074, 23.856

Tritanomaly
73, 6.812, 346.098

Monochromacy



Original Color
73, 5.315, 50.181

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.840, 55.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.315, 50.181 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(189, 177, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 177, 172)  
}
```

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(189, 177, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 177, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.315, 50.181 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(189, 177, 172) }
```

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

```
.border{ border-color:rgb(189, 177, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 177, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 177, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 177, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 177,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.315, 50.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 177, 172) }
```

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

```
.background{ background-color: rgb(189,  
177, 172) }
```

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