

Converting Colors

CIELCh(73, 4.776, 4.944)

Have a look what the booklet for
CIELCh(73, 4.776, 4.944) contains.

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Color

CIELCh(73, 5.175, 1.478)

Conversions

Conversions Part 1

Format	Color
Hex	BDB0B3
RGB	189, 176, 179
RGB Percent	74%, 69%, 70%
CMY	0.2585, 0.3095, 0.2978
CMYK	0.00, 0.07, 0.05, 0.26
HSL	346°, 9%, 72%
HSV	346°, 7%, 74%
XYZ	44.6876, 45.1644, 49.0481
YIQ	180.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

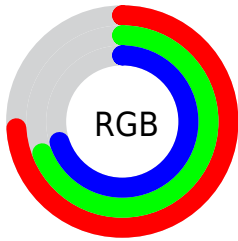
Format	Color
RYB	189, 176, 179
Decimal	12431539
CIELab	73.00, 5.17, 0.13
CIELCh	73, 5.175, 1.478
Yxy	45.1644, 0.3217, 0.3252
Android (android.graphics.Color)	4290621619 (0xFFBDB0B3)
YUV	180.2290, -0.6059, 7.6922
Hunter-Lab	67.2044, 1.0858, 3.7712

Details

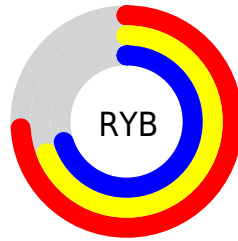
The CIELCh color $73, 5.175, 1.478$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 5.045, 180.429$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 4.911, 1.309$, and $53, 4.981, 6.522$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.005, 2.594$, and if you desaturate by 10%, it is $78, 2.286, 180.893$.

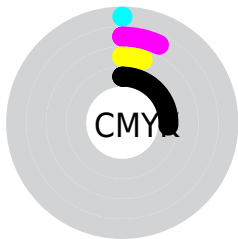
Distribution



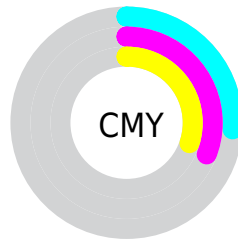
- Red (74%)
- Green (69%)
- Blue (70%)



- Red (74%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.175, 1.478 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, 5.175, 1.478 by changing the saturation by 10% instead.

 73, 5.175, 1.478

 73, 5.175, 1.478

 100, 5.175, 1.478

 63, 5.175, 1.478

 93, 5.175, 1.478

 53, 5.175, 1.478

 43, 5.175, 1.478


 33, 5.175, 1.478

 23, 5.175, 1.478

 13, 5.175, 1.478

 3, 5.175, 1.478

 0, 5.175, 1.478

 73, 5.175, 1.478

 73, 5.175, 1.478

68, 13.005, 2.594

78, 2.286, 180.893

63, 21.164, 3.841

84, 9.365, 179.946

58, 29.551, 5.330

89, 16.076,
179.226

53, 37.991, 7.150

94, 22.442,
178.594

49, 46.223, 9.418

46, 53.916, 12.280

96, 21.614,
193.708

43, 60.743, 15.893

96, 21.372,
198.101

41, 66.514, 20.362

40, 71.331, 25.579

Harmonies

Complementary

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



73, 5.175, 1.478



76, 5.045, 180.429

Rectangle

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



73, 5.175, 1.478



73, 5.175, 51.478



73, 5.175, 181.478



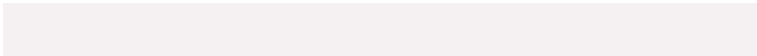
73, 5.175, 231.478

Sweetspot

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



73, 5.173, 1.492



95, 1.837, 0.815



73, 7.999, 318.074



51, 1.044, 0.788



98, 0.011, 296.813



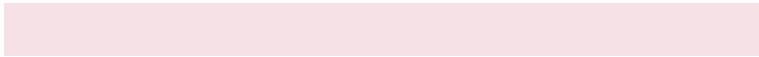
51, 0.007, 296.813

Same Dimension

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



73, 5.173, 1.492



91, 7.448, 1.629



74, 4.057, 46.979



37, 4.283, 1.761



33, 63.405, 26.334



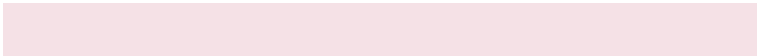
3, 12.615, 6.371

Inverse Universe

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



73, 5.173, 1.492



91, 7.448, 1.629



75, 3.907, 227.969



37, 4.283, 1.761



33, 63.405, 26.334



3, 12.615, 6.371

Previews

White Background



This preview shows how the CIELCh color 73, 5.175, 1.478 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, 5.175, 1.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

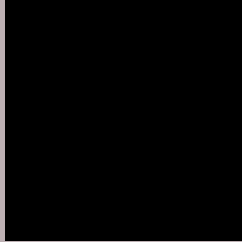
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 5.175, 1.478

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.175, 1.478.

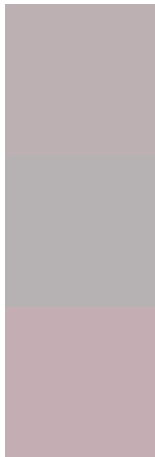


This preview shows how white text looks on a background with the CIELCh color 73, 5.175, 1.478.

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, 5.175, 1.478

Protanopia

73, 1.862, 343.625

Deuteranopia

73, 8.947, 358.903



Tritanopia
73, 9.025, 328.737

Trichromacy



Original Color

73, 5.175, 1.478

Protanomaly

73, 3.428, 351.238

Deuteranomaly

73, 7.329, 358.338

Tritanomaly

73, 7.826, 336.173

Monochromacy



Original Color

73, 5.175, 1.478

Achromatopsia

73, 0.009, 296.813

Achromatomaly

73, 1.600, 359.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.175, 1.478 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, 176, 179)` looks like.

```
.text, #text, p{  
    color:rgb(189, 176, 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(189, 176, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 176, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.175, 1.478 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, 176, 179) }
```

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

```
.border{ border-color:rgb(189, 176, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 176, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 176, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 176, 179);  
box-shadow:4px 4px 4px 4px rgb(189, 176,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.175, 1.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 176, 179) }
```

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

```
.background{ background-color: rgb(189,  
176, 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](#).

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