

Converting Colors

CIELCh(73, 5.578, 53.950)

Have a look what the booklet for
CIELCh(73, 5.578, 53.950) contains.

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Color

CIELCh(73, 5.616, 54.872)

Conversions

Conversions Part 1

Format	Color
Hex	BDB1AB
RGB	189, 177, 171
RGB Percent	74%, 69%, 67%
CMY	0.2591, 0.3061, 0.3297
CMYK	0.00, 0.06, 0.10, 0.26
HSL	20°, 12%, 71%
HSV	20°, 10%, 74%
XYZ	44.0214, 45.1644, 44.8912
YIQ	179.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

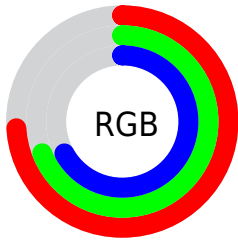
Format	Color
RYB	189, 180, 171
Decimal	12431787
CIELab	73.00, 3.23, 4.59
CIELCh	73, 5.616, 54.872
Yxy	45.1644, 0.3283, 0.3369
Android (android.graphics.Color)	4290621867 (0xFFBDB1AB)
YUV	179.9040, -4.3897, 7.9772
Hunter-Lab	67.2044, -0.6838, 7.4386

Details

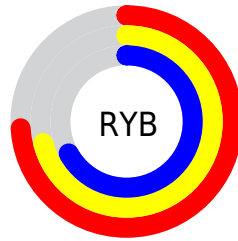
The CIELCh color $73, 5.616, 54.872$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 5.360, 236.647$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.628, 59.228$, and $53, 5.714, 50.018$ is the 20% darker color. If you saturate the color by 10%, you get $69, 11.932, 54.194$, and if you desaturate by 10%, it is $77, 0.275, 237.461$.

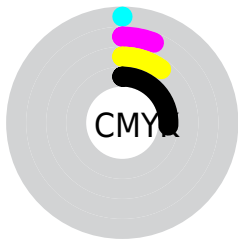
Distribution



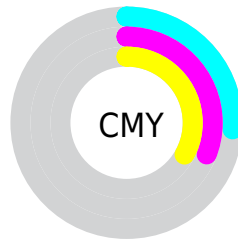
- Red (74%)
- Green (69%)
- Blue (67%)



- Red (74%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.616, 54.872 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, 5.616, 54.872 by changing the saturation by 10% instead.

 73, 5.616, 54.872

 73, 5.616, 54.872

 100, 5.616, 54.872

 63, 5.616, 54.872

 93, 5.616, 54.872

 53, 5.616, 54.872

 43, 5.616, 54.872

 33, 5.616, 54.872

 23, 5.616, 54.872

 13, 5.616, 54.872

 3, 5.616, 54.872

 0, 5.616, 54.872

 73, 5.616, 54.872

 73, 5.616, 54.872

69, 11.932, 54.194

77, 0.275, 237.461

66, 18.716, 53.519

81, 5.785, 236.649

62, 26.000, 52.912

84, 10.958,
237.427

59, 33.795, 52.389

88, 15.834,
238.230

55, 42.066, 51.956

52, 50.685, 51.578

92, 17.997,
224.378

50, 59.330, 51.147

95, 20.594,
201.775

47, 67.296, 50.384

45, 73.825, 49.117

96, 21.415,
198.099

Harmonies

Complementary

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



73, 5.616, 54.872



74, 5.360, 236.647

Rectangle

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



73, 5.616, 54.872



73, 5.616, 104.872



73, 5.616, 234.872



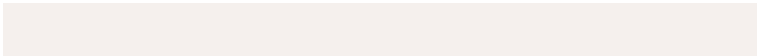
73, 5.616, 284.872

Sweetspot

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



73, 5.616, 54.895



95, 2.131, 55.216



72, 9.413, 336.297



50, 1.620, 55.209



98, 0.011, 296.813



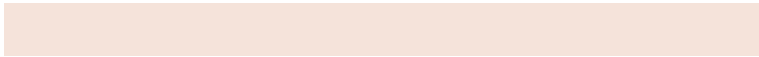
51, 0.007, 296.813

Same Dimension

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



73, 5.616, 54.895



91, 8.051, 54.782



75, 8.127, 101.278



38, 3.336, 54.907



37, 64.670, 49.568



5, 10.230, 43.121

Inverse Universe

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



74, 5.360, 236.647



92, 7.615, 236.799



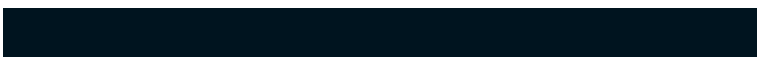
71, 8.239, 283.451



38, 3.187, 236.632



42, 36.008, 261.432



6, 9.888, 250.231

Previews

White Background



This preview shows how the CIELCh color 73, 5.616, 54.872 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, 5.616, 54.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

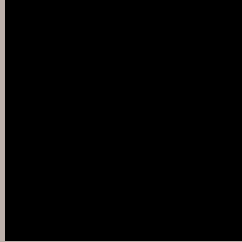
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

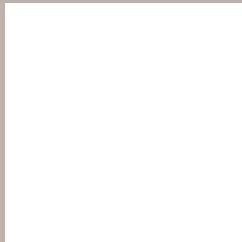
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.616, 54.872

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.616, 54.872.



This preview shows how white text looks on a background with the CIELCh color 73, 5.616, 54.872.

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, 5.616, 54.872

Protanopia

73, 3.952, 74.550

Deuteranopia

73, 10.043, 23.285



Tritanopia
73, 9.918, 330.228

Trichromacy



Original Color
73, 5.616, 54.872

Protanomaly
73, 4.437, 66.410

Deuteranomaly
73, 8.145, 27.630

Tritanomaly
73, 6.812, 346.098

Monochromacy



Original Color
73, 5.616, 54.872

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, 5.616, 54.872 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(189, 177, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 177, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.616, 54.872 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, 171) }
```

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

```
.border{ border-color:rgb(189, 177, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(189, 177,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.616, 54.872 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, 171) }
```

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

```
.background{ background-color: rgb(189,  
177, 171) }
```

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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