

Converting Colors

CIELCh(73, 5.069, 39.344)

Have a look what the booklet for
CIELCh(73, 5.069, 39.344) contains.

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Color

CIELCh(73, 5.054, 44.959)

Conversions

Conversions Part 1

Format	Color
Hex	BDB1AD
RGB	189, 177, 173
RGB Percent	74%, 69%, 68%
CMY	0.2596, 0.3067, 0.3224
CMYK	0.00, 0.06, 0.08, 0.26
HSL	15°, 11%, 71%
HSV	15°, 8%, 74%
XYZ	44.1392, 45.1644, 45.8222
YIQ	180.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

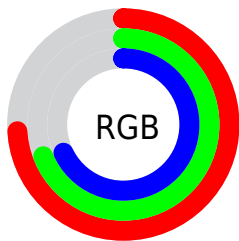
Format	Color
RYB	189, 178, 173
Decimal	12431789
CIELab	73.00, 3.58, 3.57
CIELCh	73, 5.054, 44.959
Yxy	45.1644, 0.3267, 0.3342
Android (android.graphics.Color)	4290621869 (0xFFBDB1AD)
YUV	180.1320, -3.5161, 7.7772
Hunter-Lab	67.2044, -0.3709, 6.6172

Details

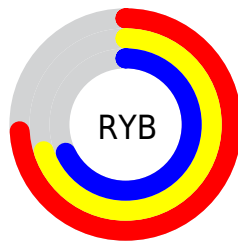
The CIELCh color **73, 5.054, 44.959** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 4.813, 225.980**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 5.025, 50.272**, and **53, 5.201, 39.205** is the 20% darker color. If you saturate the color by 10%, you get **69, 11.464, 44.681**, and if you desaturate by 10%, it is **77, 0.880, 226.089**.

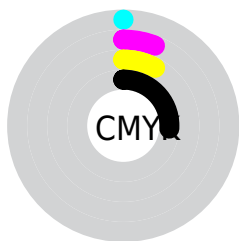
Distribution



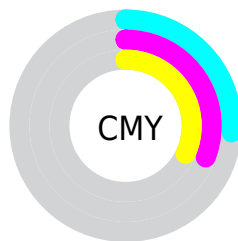
- Red (74%)
- Green (69%)
- Blue (68%)



- Red (74%)
- Yellow (70%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.054, 44.959 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, 5.054, 44.959 by changing the saturation by 10% instead.

 73, 5.054, 44.959

 73, 5.054, 44.959

 100, 5.054, 44.959

 63, 5.054, 44.959

 93, 5.054, 44.959

 53, 5.054, 44.959

 43, 5.054, 44.959

 33, 5.054, 44.959

 23, 5.054, 44.959

 13, 5.054, 44.959

 3, 5.054, 44.959

 0, 5.054, 44.959

 73, 5.054, 44.959

 73, 5.054, 44.959

69, 11.464, 44.681

77, 0.880, 226.089

65, 18.397, 44.435

81, 6.386, 226.077

61, 25.889, 44.305

86, 11.513,
226.559

57, 33.950, 44.324

90, 16.306,
227.085

54, 42.550, 44.512

50, 51.570, 44.859

94, 19.288,
209.779

47, 60.716, 45.277

96, 21.455,
198.096

45, 69.318, 45.499

43, 76.352, 45.175

Harmonies

Complementary

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



73, 5.054, 44.959



74, 4.813, 225.980

Rectangle

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



73, 5.054, 44.959



73, 5.054, 94.959



73, 5.054, 224.959



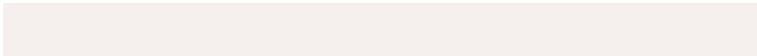
73, 5.054, 274.959

Sweetspot

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



73, 5.053, 44.984



95, 2.162, 45.026



72, 8.874, 332.850



50, 1.644, 45.052



98, 0.011, 296.813



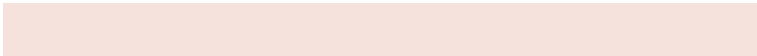
51, 0.007, 296.813

Same Dimension

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



73, 5.053, 44.984



91, 7.414, 44.935



75, 6.616, 96.218



38, 3.390, 44.959



36, 67.550, 45.601



4, 10.549, 36.420

Inverse Universe

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



74, 4.813, 225.980



93, 6.987, 226.064



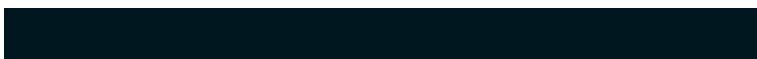
72, 6.664, 278.292



39, 3.211, 226.022



46, 31.911, 245.679



6, 9.488, 237.343

Previews

White Background



This preview shows how the CIELCh color 73, 5.054, 44.959 looks on a white background.

Color Contrast Check

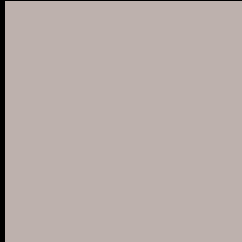
Large Text (above 18pt) WCAG AA × Fail

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, 5.054, 44.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

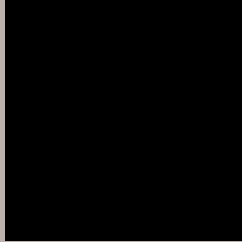
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

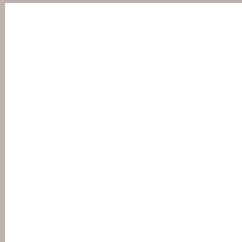
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.054, 44.959

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.054, 44.959.



This preview shows how white text looks on a background with the CIELCh color 73, 5.054, 44.959.

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, 5.054, 44.959

Protanopia

73, 3.123, 63.217

Deuteranopia

73, 10.006, 20.217



Tritanopia
73, 9.918, 330.228

Trichromacy



Original Color
73, 5.054, 44.959

Protanomaly
73, 3.714, 55.069

Deuteranomaly
73, 8.074, 23.856

Tritanomaly
73, 6.812, 346.098

Monochromacy



Original Color
73, 5.054, 44.959

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, 5.054, 44.959 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(189, 177, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 177, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.054, 44.959 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, 173) }
```

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

```
.border{ border-color:rgb(189, 177, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 177, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 177, 173);  
box-shadow:4px 4px 4px 4px rgb(189, 177,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.054, 44.959 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, 173) }
```

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

```
.background{ background-color: rgb(189,  
177, 173) }
```

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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