

Converting Colors

CIELCh(72, 5.076, 30.477)

Have a look what the booklet for
CIELCh(72, 5.076, 30.477) contains.

| | |
|--|----|
| CIELCh(72, 5.073, 32.041) | 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(72, 5.073, 32.041)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BBAEAC |
| RGB | 187, 174, 172 |
| RGB Percent | 73%, 68%, 67% |
| CMY | 0.2678, 0.3187, 0.3266 |
| CMYK | 0.00, 0.07, 0.08, 0.27 |
| HSL | 8°, 10%, 70% |
| HSV | 8°, 8%, 73% |
| XYZ | 42.9240, 43.6590, 45.0521 |
| YIQ | 177.6590, 8.3900, 2.1340 |

Conversions

Conversions Part 2

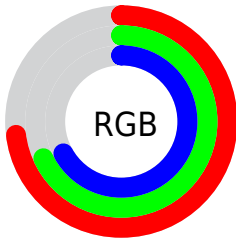
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 187, 174, 172 |
| Decimal | 12299948 |
| CIELab | 72.00, 4.30, 2.69 |
| CIELCh | 72, 5.073, 32.041 |
| Yxy | 43.6590, 0.3261, 0.3317 |
| Android (android.graphics.Color) | 4290490028 (0xFFBBAEAC) |
| YUV | 177.6590, -2.7899, 8.1921 |
| Hunter-Lab | 66.0750, 0.3269, 5.8266 |

Details

The CIELCh color $72, 5.073, 32.041$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 4.821, 212.160$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.157, 31.146$, and $52, 5.041, 33.075$ is the 20% darker color. If you saturate the color by 10%, you get $67, 11.867, 32.338$, and if you desaturate by 10%, it is $77, 1.195, 212.511$.

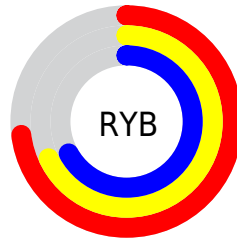
Distribution



Red (73%)

Green (68%)

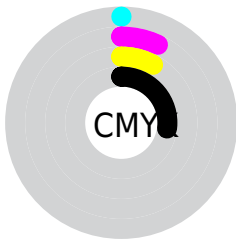
Blue (67%)



Red (73%)

Yellow (68%)

Blue (67%)

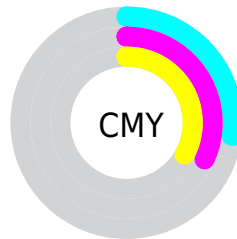


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (32%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.073, 32.041 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 72, 5.073, 32.041 by changing the saturation by 10% instead.

 72, 5.073, 32.041  72, 5.073, 32.041

 100, 5.073, 32.041  62, 5.073, 32.041

 92, 5.073, 32.041  52, 5.073, 32.041

 42, 5.073, 32.041

 32, 5.073, 32.041

 22, 5.073, 32.041

 12, 5.073, 32.041

 2, 5.073, 32.041

 0, 5.073, 32.041

 72, 5.073, 32.041  72, 5.073, 32.041

67, 11.867, 32.338

77, 1.195, 212.511

63, 19.230, 32.726

81, 6.984, 212.138

59, 27.180, 33.308

86, 12.345,
212.164

54, 35.703, 34.141

91, 17.328,
212.257

51, 44.729, 35.278

47, 54.098, 36.746

96, 21.930,
198.593

44, 63.493, 38.487

96, 22.062,
198.058

42, 72.241, 40.216

40, 79.162, 41.425

Harmonies

Complementary

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



72, 5.073, 32.041



74, 4.821, 212.160

Rectangle

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



72, 5.073, 32.041



72, 5.073, 82.041



72, 5.073, 212.041



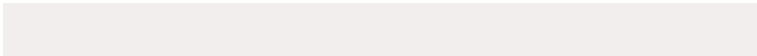
72, 5.073, 262.041

Sweetspot

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



72, 5.072, 32.064



94, 1.522, 31.677



72, 9.052, 328.745



51, 0.872, 31.653



98, 0.011, 296.813



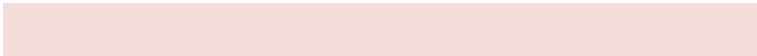
51, 0.007, 296.813

Same Dimension

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



72, 5.072, 32.064



90, 7.872, 32.121



74, 5.521, 87.325



37, 3.630, 32.100



34, 70.729, 41.860



3, 11.218, 27.850

Inverse Universe

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



74, 4.821, 212.160



93, 7.375, 212.141



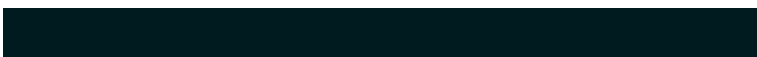
72, 5.507, 269.454



39, 3.419, 212.147



52, 30.650, 220.805



8, 9.878, 216.796

Previews

White Background



This preview shows how the CIELCh color 72, 5.073, 32.041 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 72, 5.073, 32.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

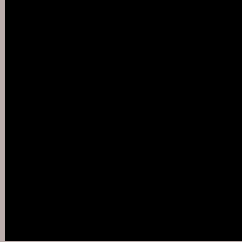
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

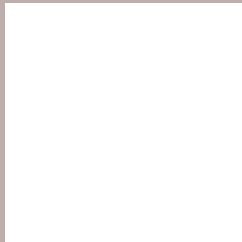
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.073, 32.041

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.073, 32.041.



This preview shows how white text looks on a background with the CIELCh color 72, 5.073, 32.041.

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


72, 5.073, 32.041

Protanopia

72, 2.207, 66.718

Deuteranopia

72, 9.240, 16.808



Tritanopia
72, 9.532, 332.332

Trichromacy



Original Color
72, 5.073, 32.041

Protanomaly
72, 2.856, 41.760

Deuteranomaly
72, 7.668, 20.002

Tritanomaly
72, 6.826, 346.105

Monochromacy



Original Color
72, 5.073, 32.041

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.954, 35.407

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 72, 5.073, 32.041 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(187, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(187, 174, 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(187, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 174, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.073, 32.041 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(187, 174, 172) }
```

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

```
.border{ border-color:rgb(187, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(187, 174,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.073, 32.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 174, 172) }
```

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

```
.background{ background-color: rgb(187,  
174, 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