

Converting Colors

CIELCh(73, 2.518, 73.519)

Have a look what the booklet for
CIELCh(73, 2.518, 73.519) contains.

CIELCh(73, 2.623, 74.766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 2.623, 74.766)

Conversions

Conversions Part 1

Format	Color
Hex	B7B3AF
RGB	183, 179, 175
RGB Percent	72%, 70%, 69%
CMY	0.2840, 0.2997, 0.3154
CMYK	0.00, 0.02, 0.04, 0.28
HSL	30°, 5%, 70%
HSV	30°, 4%, 72%
XYZ	43.1592, 45.1644, 46.7830
YIQ	179.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

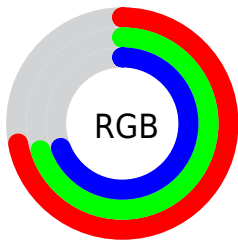
Format	Color
RYB	183, 183, 175
Decimal	12039087
CIELab	73.00, 0.69, 2.53
CIELCh	73, 2.623, 74.766
Yxy	45.1644, 0.3194, 0.3343
Android (android.graphics.Color)	4290229167 (0xFFB7B3AF)
YUV	179.7400, -2.3368, 2.8590
Hunter-Lab	67.2044, -2.9738, 5.7696

Details

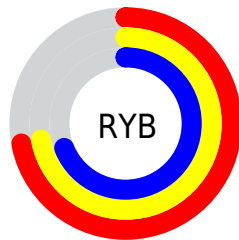
The CIELCh color $73, 2.623, 74.766$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 2.609, 256.134$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 2.925, 80.587$, and $53, 2.353, 66.618$ is the 20% darker color. If you saturate the color by 10%, you get $70, 8.824, 73.686$, and if you desaturate by 10%, it is $76, 3.310, 256.234$.

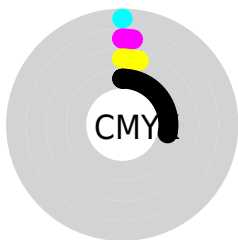
Distribution



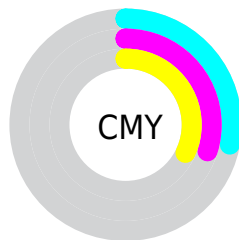
- Red (72%)
- Green (70%)
- Blue (69%)



- Red (72%)
- Yellow (72%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 2.623, 74.766 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, 2.623, 74.766 by changing the saturation by 10% instead.

■ 73, 2.623, 74.766

■ 73, 2.623, 74.766

■ 100, 2.623, 74.766

■ 63, 2.623, 74.766

■ 93, 2.623, 74.766

■ 53, 2.623, 74.766

■ 43, 2.623, 74.766

■ 33, 2.623, 74.766

■ 23, 2.623, 74.766

■ 13, 2.623, 74.766

■ 3, 2.623, 74.766

■ 0, 2.623, 74.766

■ 73, 2.623, 74.766

■ 73, 2.623, 74.766

70, 8.824, 73.686

76, 3.310, 256.234

67, 15.314, 72.467

79, 9.004, 257.325

65, 22.109, 71.225

82, 14.484,
258.429

62, 29.208, 69.971

85, 19.774,
259.499

59, 36.570, 68.699

57, 44.084, 67.384

87, 20.490,
251.056

54, 51.497, 65.958

90, 19.417,
234.294

52, 58.310, 64.264

50, 63.697, 62.012

92, 20.035,
217.345

95, 22.150,
202.688

95, 23.255,
197.984

Harmonies

Complementary

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



73, 2.623, 74.766



73, 2.609, 256.134

Rectangle

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



73, 2.623, 74.766



73, 2.623, 124.766



73, 2.623, 254.766



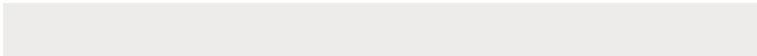
73, 2.623, 304.766

Sweetspot

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



73, 2.624, 74.811



93, 0.729, 74.772



72, 3.726, 343.903



50, 0.418, 74.746



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 2.624, 74.811



92, 3.711, 74.744



74, 4.309, 109.750



38, 2.052, 74.692



42, 58.762, 61.167



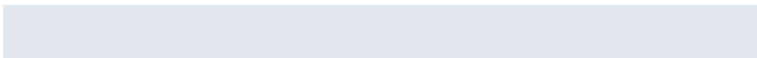
5, 8.772, 61.245

Inverse Universe

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



73, 2.609, 256.134



91, 3.681, 256.207



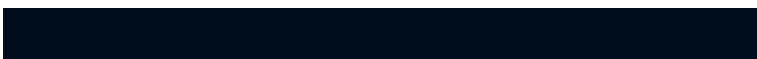
72, 4.366, 290.619



38, 2.032, 256.264



34, 49.315, 283.461



4, 10.217, 267.390

Previews

White Background



This preview shows how the CIELCh color 73, 2.623, 74.766 looks on a white background.

Color Contrast Check

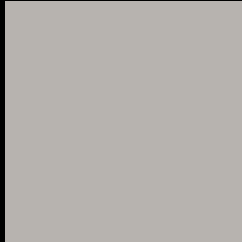
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 2.623, 74.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

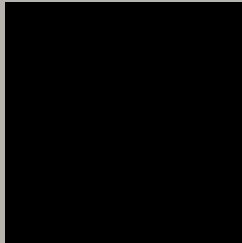
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

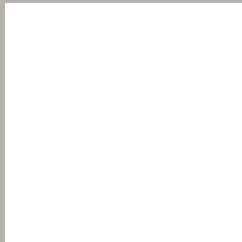
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 2.623, 74.766

Background



This preview shows how black text looks on a background with the CIELCh color 73, 2.623, 74.766.



This preview shows how white text looks on a background with the CIELCh color 73, 2.623, 74.766.

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, 2.623, 74.766

Protanopia

73, 2.859, 68.492

Deuteranopia

73, 9.691, 10.595



Tritanopia
73, 8.336, 314.180

Trichromacy



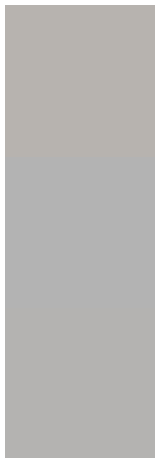
Original Color
73, 2.623, 74.766

Protanomaly
73, 2.859, 68.492

Deuteranomaly
73, 6.478, 19.879

Tritanomaly
73, 4.634, 324.596

Monochromacy



Original Color
73, 2.623, 74.766

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.135, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 2.623, 74.766 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(183, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 179, 175)  
}
```

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(183, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 179, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 2.623, 74.766 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(183, 179, 175) }
```

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

```
.border{ border-color:rgb(183, 179, 175) }
```

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

Here you see how a box with a 4 pixel rgb(183, 179, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 179,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 2.623, 74.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 179, 175) }
```

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

```
.background{ background-color: rgb(183,  
179, 175) }
```

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