

Converting Colors

CIELCh(73, 2.445, 52.025)

Have a look what the booklet for
CIELCh(73, 2.445, 52.025) contains.

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Color

CIELCh(73, 2.498, 45.031)

Conversions

Conversions Part 1

Format	Color
Hex	B8B2B0
RGB	184, 178, 176
RGB Percent	72%, 70%, 69%
CMY	0.2784, 0.3020, 0.3098
CMYK	0.00, 0.03, 0.04, 0.28
HSL	15°, 5%, 71%
HSV	15°, 4%, 72%
XYZ	43.5228, 45.1644, 47.4967
YIQ	179.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

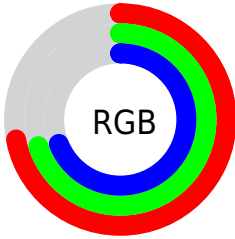
Format	Color
RYB	184, 179, 176
Decimal	12104368
CIELab	73.00, 1.77, 1.77
CIElCh	73, 2.498, 45.031
Yxy	45.1644, 0.3196, 0.3316
Android (android.graphics.Color)	4290294448 (0xFFB8B2B0)
YUV	179.5660, -1.7580, 3.8886
Hunter-Lab	67.2044, -2.0081, 5.1400

Details

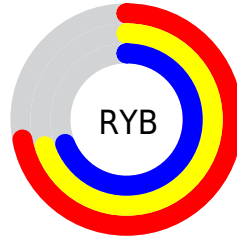
The CIELCh color **73, 2.498, 45.031** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 2.441, 225.876**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 2.367, 45.015**, and **53, 2.480, 32.942** is the 20% darker color. If you saturate the color by 10%, you get **69, 8.575, 44.828**, and if you desaturate by 10%, it is **77, 3.134, 225.891**.

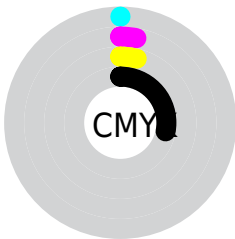
Distribution



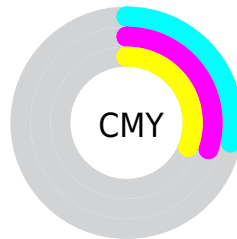
- Red (72%)
- Green (70%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 2.498, 45.031 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, 2.498, 45.031 by changing the saturation by 10% instead.

■ 73, 2.498, 45.031

■ 73, 2.498, 45.031

■ 100, 2.498, 45.031

■ 63, 2.498, 45.031

■ 93, 2.498, 45.031

■ 53, 2.498, 45.031

■ 43, 2.498, 45.031

■ 33, 2.498, 45.031

■ 23, 2.498, 45.031

■ 13, 2.498, 45.031

■ 3, 2.498, 45.031

■ 0, 2.498, 45.031

■ 73, 2.498, 45.031

■ 73, 2.498, 45.031

69, 8.575, 44.828	77, 3.134, 225.891
65, 15.146, 44.547	81, 8.367, 226.290
61, 22.250, 44.363	85, 13.249, 226.796
57, 29.911, 44.315	90, 17.823, 227.330
54, 38.117, 44.429	93, 20.521, 209.923
50, 46.797, 44.711	96, 22.847, 198.009
47, 55.753, 45.115	
45, 64.520, 45.469	
43, 72.099, 45.332	

Harmonies

Complementary

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



73, 2.498, 45.031



74, 2.441, 225.876

Rectangle

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



73, 2.498, 45.031



73, 2.498, 95.031



73, 2.498, 225.031



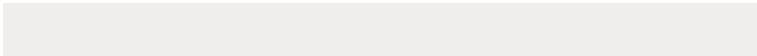
73, 2.498, 275.031

Sweetspot

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



73, 2.498, 45.079



94, 0.701, 44.561



73, 4.447, 332.548



50, 0.398, 44.515



97, 0.011, 296.813



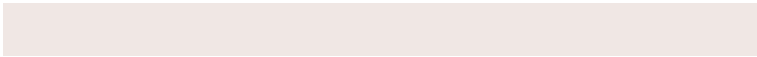
50, 0.007, 296.813

Same Dimension

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



73, 2.498, 45.079



92, 3.571, 45.077



74, 3.311, 96.677



38, 1.959, 45.072



35, 66.693, 45.635



4, 9.104, 37.527

Inverse Universe

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



74, 2.441, 225.876



93, 3.475, 225.885



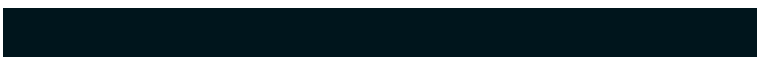
73, 3.336, 277.796



38, 1.900, 225.896



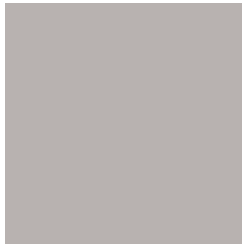
46, 31.528, 245.650



6, 8.532, 237.554

Previews

White Background



This preview shows how the CIELCh color 73, 2.498, 45.031 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, 2.498, 45.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

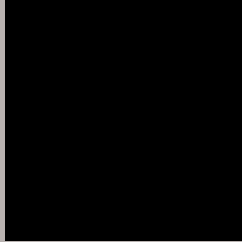
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

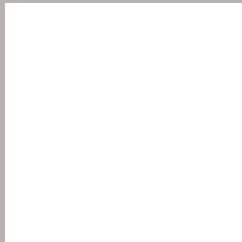
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 2.498, 45.031

Background



This preview shows how black text looks on a background with the CIELCh color 73, 2.498, 45.031.



This preview shows how white text looks on a background with the CIELCh color 73, 2.498, 45.031.

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, 2.498, 45.031

Protanopia

73, 2.161, 49.343

Deuteranopia

73, 9.401, 6.905



Tritanopia
73, 8.490, 316.469

Trichromacy



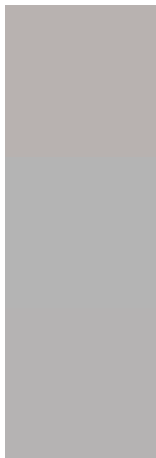
Original Color
73, 2.498, 45.031

Protanomaly
73, 2.161, 49.343

Deuteranomaly
73, 6.547, 10.396

Tritanomaly
73, 5.292, 324.630

Monochromacy



Original Color
73, 2.498, 45.031

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.748, 18.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 2.498, 45.031 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(184, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(184, 178, 176)  
}
```

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(184, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 178, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 2.498, 45.031 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(184, 178, 176) }
```

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

```
.border{ border-color:rgb(184, 178, 176) }
```

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

Here you see how a box with a 4 pixel rgb(184, 178, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(184, 178,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 2.498, 45.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 178, 176) }
```

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

```
.background{ background-color: rgb(184,  
178, 176) }
```

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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