

Converting Colors

CIELCh(73, 3.636, 51.017)

Have a look what the booklet for
CIELCh(73, 3.636, 51.017) contains.

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Color

CIELCh(73, 3.714, 55.069)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2AE
RGB	186, 178, 174
RGB Percent	73%, 70%, 68%
CMY	0.2718, 0.3031, 0.3188
CMYK	0.00, 0.04, 0.06, 0.27
HSL	20°, 8%, 70%
HSV	20°, 6%, 73%
XYZ	43.6453, 45.1644, 46.3066
YIQ	179.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

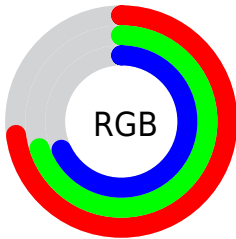
Format	Color
RYB	186, 180, 174
Decimal	12235438
CIELab	73.00, 2.13, 3.04
CIELCh	73, 3.714, 55.069
Yxy	45.1644, 0.3230, 0.3343
Android (android.graphics.Color)	4290425518 (0xFFBAB2AE)
YUV	179.9360, -2.9264, 5.3181
Hunter-Lab	67.2044, -1.6828, 6.1899

Details

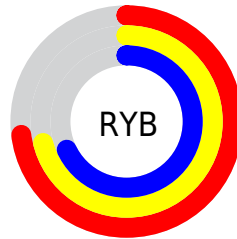
The CIELCh color `73, 3.714, 55.069` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 3.605, 236.409`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 3.840, 61.365`, and `53, 3.673, 47.663` is the 20% darker color. If you saturate the color by 10%, you get `69, 9.808, 54.422`, and if you desaturate by 10%, it is `77, 1.975, 236.252`.

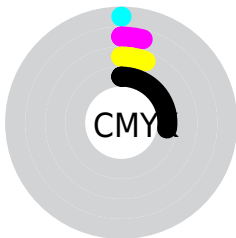
Distribution



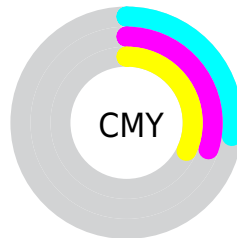
- Red (73%)
- Green (70%)
- Blue (68%)



- Red (73%)
- Yellow (71%)
- Blue (68%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (27%)



- Cyan (27%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.714, 55.069 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, 3.714, 55.069 by changing the saturation by 10% instead.

 73, 3.714, 55.069

 73, 3.714, 55.069

 100, 3.714, 55.069

 63, 3.714, 55.069

 93, 3.714, 55.069

 53, 3.714, 55.069

 43, 3.714, 55.069

 33, 3.714, 55.069

 23, 3.714, 55.069

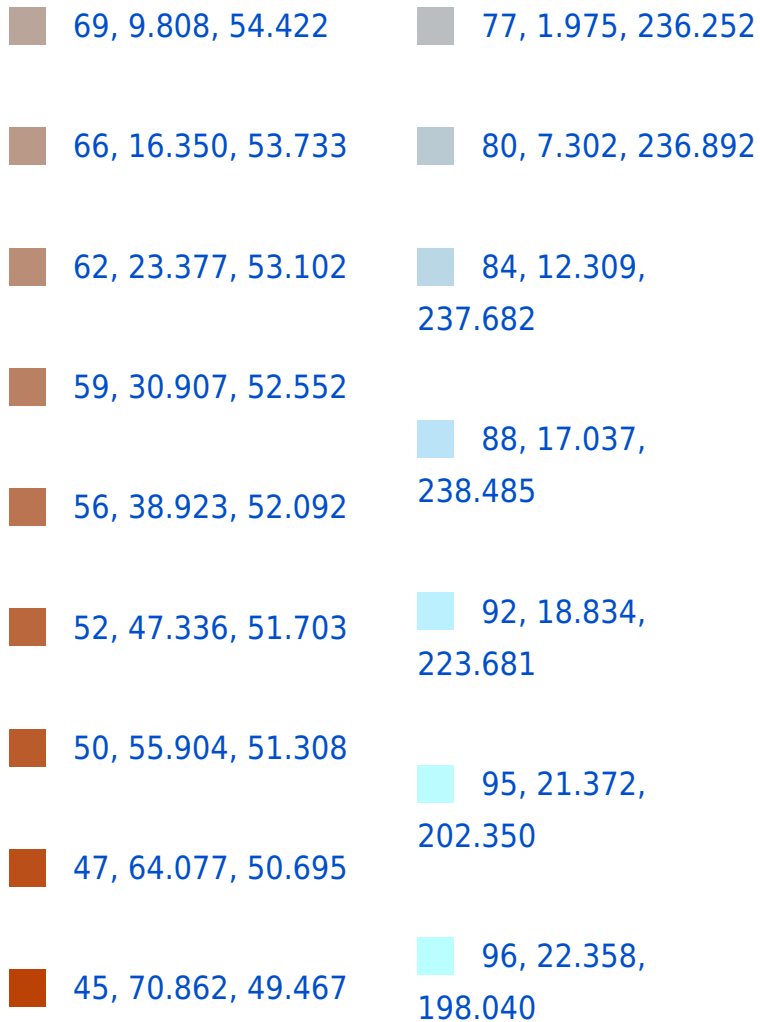
 13, 3.714, 55.069

 3, 3.714, 55.069

 0, 3.714, 55.069

 73, 3.714, 55.069

 73, 3.714, 55.069



Harmonies

Complementary

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



73, 3.714, 55.069



73, 3.605, 236.409

Rectangle

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



73, 3.714, 55.069



73, 3.714, 105.069



73, 3.714, 235.069



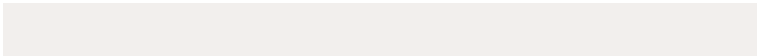
73, 3.714, 285.069

Sweetspot

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



73, 3.714, 55.103



95, 1.402, 55.173



72, 6.278, 336.061



51, 0.803, 55.159



98, 0.011, 296.813



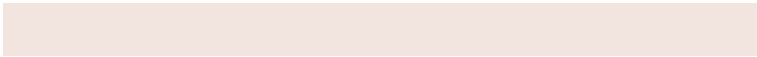
51, 0.007, 296.813

Same Dimension

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



73, 3.714, 55.103



92, 5.743, 54.999



75, 5.426, 101.609



37, 3.261, 54.920



37, 63.868, 49.622



4, 8.838, 44.674

Inverse Universe

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



73, 3.605, 236.409



93, 5.523, 236.539



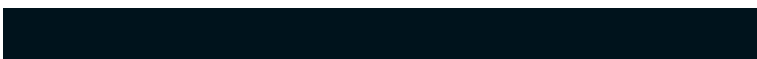
72, 5.486, 283.085



37, 3.116, 236.641



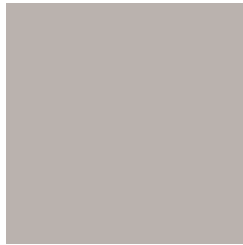
42, 35.558, 261.372



5, 8.854, 249.738

Previews

White Background



This preview shows how the CIELCh color 73, 3.714, 55.069 looks on a white background.

Color Contrast Check

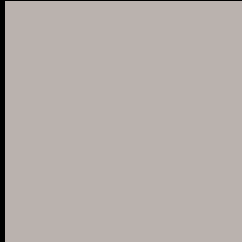
Large Text (above 18pt) WCAG AA × Fail

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, 3.714, 55.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

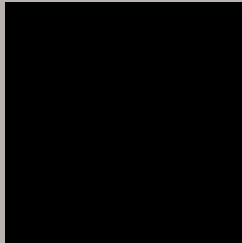
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 3.714, 55.069

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.714, 55.069.

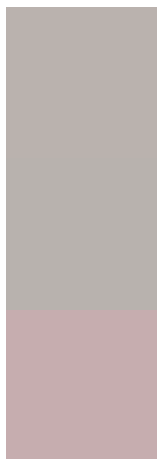


This preview shows how white text looks on a background with the CIELCh color 73, 3.714, 55.069.

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, 3.714, 55.069

Protanopia

73, 3.123, 63.217

Deuteranopia

73, 9.635, 13.769



Tritanopia
73, 9.038, 322.853

Trichromacy



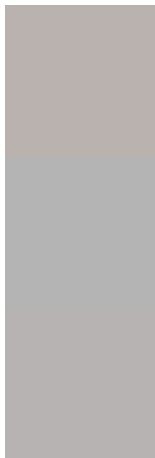
Original Color
73, 3.714, 55.069

Protanomaly
73, 3.409, 58.791

Deuteranomaly
73, 7.253, 19.954

Tritanomaly
73, 5.623, 337.337

Monochromacy



Original Color
73, 3.714, 55.069

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.240, 44.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.714, 55.069 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(186, 178, 174)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 174)  
}
```

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(186, 178, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.714, 55.069 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(186, 178, 174) }
```

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

```
.border{ border-color:rgb(186, 178, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 178, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 174);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.714, 55.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 178, 174) }
```

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

```
.background{ background-color: rgb(186,  
178, 174) }
```

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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