

Converting Colors

CIELCh(73, 4.780, 62.913)

Have a look what the booklet for
CIELCh(73, 4.780, 62.913) contains.

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Color

CIELCh(73, 4.709, 63.000)

Conversions

Conversions Part 1

Format	Color
Hex	BBB2AC
RGB	187, 178, 172
RGB Percent	73%, 70%, 67%
CMY	0.2682, 0.3035, 0.3270
CMYK	0.00, 0.05, 0.08, 0.27
HSL	24°, 10%, 70%
HSV	24°, 8%, 73%
XYZ	43.6491, 45.1644, 45.2517
YIQ	180.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

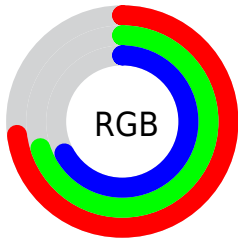
Format	Color
RYB	187, 182, 172
Decimal	12300972
CIELab	73.00, 2.14, 4.20
CIELCh	73, 4.709, 63.000
Yxy	45.1644, 0.3256, 0.3369
Android (android.graphics.Color)	4290491052 (0xFFBBB2AC)
YUV	180.0070, -3.9475, 6.1329
Hunter-Lab	67.2044, -1.6726, 7.1205

Details

The CIELCh color `73, 4.709, 63.000` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 4.568, 244.889`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 4.830, 67.527`, and `53, 4.668, 57.692` is the 20% darker color. If you saturate the color by 10%, you get `70, 10.907, 62.078`, and if you desaturate by 10%, it is `76, 1.126, 244.500`.

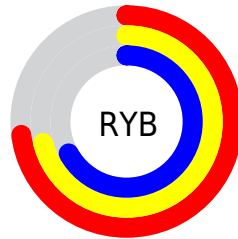
Distribution



Red (73%)

Green (70%)

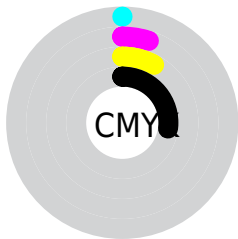
Blue (67%)



Red (73%)

Yellow (71%)

Blue (67%)

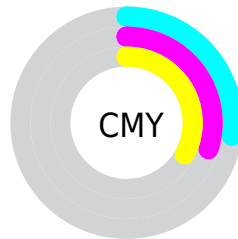


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.709, 63.000 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, 4.709, 63.000 by changing the saturation by 10% instead.

 73, 4.709, 63.000  73, 4.709, 63.000

 100, 4.709, 63.000  63, 4.709, 63.000


 93, 4.709, 63.000  53, 4.709, 63.000


 43, 4.709, 63.000

 33, 4.709, 63.000

 23, 4.709, 63.000

 13, 4.709, 63.000

 3, 4.709, 63.000

 0, 4.709, 63.000

 73, 4.709, 63.000  73, 4.709, 63.000

70, 10.907, 62.078

76, 1.126, 244.500

66, 17.504, 61.114

80, 6.636, 245.195

63, 24.527, 60.176

83, 11.858,
246.161

60, 31.985, 59.277

87, 16.828,
247.124

57, 39.843, 58.414

54, 47.980, 57.554

90, 18.450,
235.967

51, 56.102, 56.599

93, 19.317,
214.272

49, 63.587, 55.316

47, 69.603, 53.428

96, 22.093,
198.056

Harmonies

Complementary

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



73, 4.709, 63.000



73, 4.568, 244.889

Rectangle

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



73, 4.709, 63.000



73, 4.709, 113.000



73, 4.709, 243.000



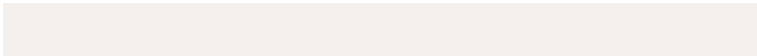
73, 4.709, 293.000

Sweetspot

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



73, 4.709, 63.027



95, 1.418, 63.360



72, 7.486, 339.184



51, 0.813, 63.351



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, 4.709, 63.027



91, 7.294, 62.832



75, 7.271, 104.965



38, 3.366, 62.907



39, 62.368, 53.625



5, 10.074, 49.131

Inverse Universe

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



73, 4.568, 244.889



91, 7.007, 245.125



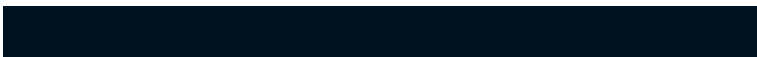
71, 7.383, 286.689



38, 3.245, 245.033



39, 40.851, 271.725



5, 10.468, 258.711

Previews

White Background



This preview shows how the CIELCh color 73, 4.709, 63.000 looks on a white background.

Color Contrast Check

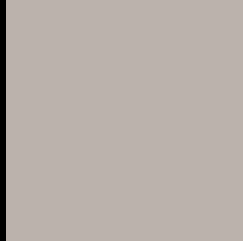
Large Text (above 18pt) WCAG AA × Fail

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, 4.709, 63.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

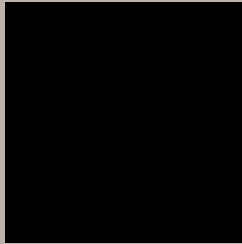
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 4.709, 63.000

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.709, 63.000.

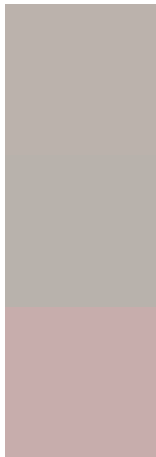


This preview shows how white text looks on a background with the CIELCh color 73, 4.709, 63.000.

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, 4.709, 63.000

Protanopia

73, 3.952, 74.550

Deuteranopia

73, 10.043, 23.285



Tritanopia
73, 9.240, 324.817

Trichromacy



Original Color
73, 4.709, 63.000

Protanomaly
73, 4.184, 70.246

Deuteranomaly
73, 7.474, 32.438

Tritanomaly
73, 5.904, 339.840

Monochromacy



Original Color
73, 4.709, 63.000

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.549, 63.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.709, 63.000 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, 178, 172)` looks like.

```
.text, #text, p{  
    color:rgb(187, 178, 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, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 178, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.709, 63.000 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, 178, 172) }
```

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

```
.border{ border-color:rgb(187, 178, 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, 178, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(187, 178,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.709, 63.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 178, 172) }
```

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

```
.background{ background-color: rgb(187,  
178, 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](#).

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