

Converting Colors

CIELCh(73, 4.751, 54.966)

Have a look what the booklet for
CIELCh(73, 4.751, 54.966) contains.

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Color

CIELCh(73, 4.664, 54.972)

Conversions

Conversions Part 1

Format	Color
Hex	BBB1AC
RGB	187, 177, 172
RGB Percent	73%, 69%, 67%
CMY	0.2654, 0.3046, 0.3243
CMYK	0.00, 0.05, 0.08, 0.27
HSL	20°, 10%, 71%
HSV	20°, 8%, 73%
XYZ	43.8324, 45.1644, 45.5951
YIQ	179.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

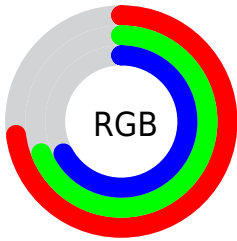
Format	Color
RYB	187, 180, 172
Decimal	12300716
CIELab	73.00, 2.68, 3.82
CIELCh	73, 4.664, 54.972
Yxy	45.1644, 0.3257, 0.3356
Android (android.graphics.Color)	4290490796 (0xFFBBB1AC)
YUV	179.4200, -3.6581, 6.6477
Hunter-Lab	67.2044, -1.1858, 6.8176

Details

The CIELCh color $73, 4.664, 54.972$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 4.489, 236.521$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 4.733, 60.114$, and $53, 4.691, 49.120$ is the 20% darker color. If you saturate the color by 10%, you get $69, 10.869, 54.305$, and if you desaturate by 10%, it is $77, 1.126, 236.299$.

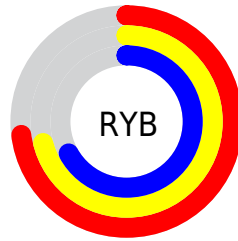
Distribution



Red (73%)

Green (69%)

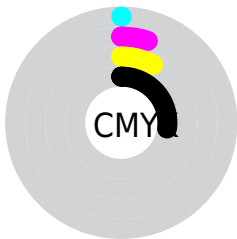
Blue (67%)



Red (73%)

Yellow (71%)

Blue (67%)

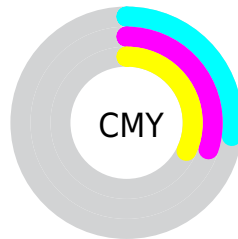


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.664, 54.972 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, 4.664, 54.972 by changing the saturation by 10% instead.

 73, 4.664, 54.972

 73, 4.664, 54.972

 100, 4.664, 54.972

 63, 4.664, 54.972

 93, 4.664, 54.972

 53, 4.664, 54.972

 43, 4.664, 54.972

 33, 4.664, 54.972

 23, 4.664, 54.972

 13, 4.664, 54.972

 3, 4.664, 54.972

 0, 4.664, 54.972

 73, 4.664, 54.972

 73, 4.664, 54.972

69, 10.869, 54.305

77, 1.126, 236.299

66, 17.532, 53.622

81, 6.544, 236.766

62, 24.688, 53.003

84, 11.634,
237.551

59, 32.352, 52.467

88, 16.436,
238.354

55, 40.497, 52.020

52, 49.016, 51.639

92, 18.415,
224.011

50, 57.630, 51.229

95, 20.984,
202.058

47, 65.715, 50.546

45, 72.341, 49.271

96, 21.886,
198.069

Harmonies

Complementary

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



73, 4.664, 54.972



74, 4.489, 236.521

Rectangle

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



73, 4.664, 54.972



73, 4.664, 104.972



73, 4.664, 234.972



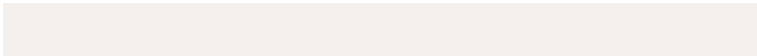
73, 4.664, 284.972

Sweetspot

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



73, 4.664, 54.999



95, 1.402, 55.165



72, 7.850, 336.181



51, 0.803, 55.152



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, 4.664, 54.999



91, 7.231, 54.856



75, 6.781, 101.443



38, 3.336, 54.910



37, 64.669, 49.570



5, 10.230, 43.123

Inverse Universe

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



74, 4.489, 236.521



92, 6.878, 236.708



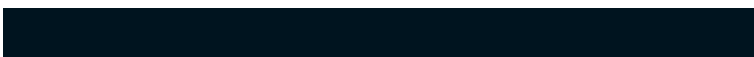
72, 6.865, 283.267



38, 3.187, 236.636



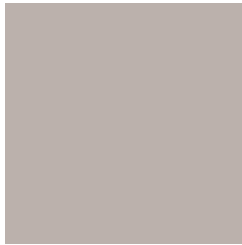
42, 36.010, 261.437



6, 9.888, 250.235

Previews

White Background



This preview shows how the CIELCh color 73, 4.664, 54.972 looks on a white background.

Color Contrast Check

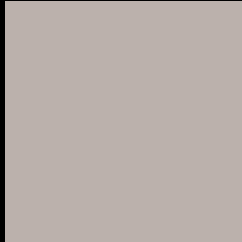
Large Text (above 18pt) WCAG AA × Fail

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, 4.664, 54.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

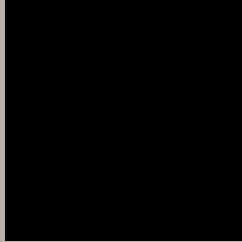
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

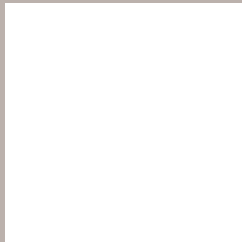
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.664, 54.972

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.664, 54.972.

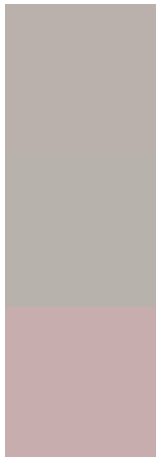


This preview shows how white text looks on a background with the CIELCh color 73, 4.664, 54.972.

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, 4.664, 54.972

Protanopia

73, 3.520, 69.556

Deuteranopia

73, 10.006, 20.217



Tritanopia
73, 9.453, 326.699

Trichromacy



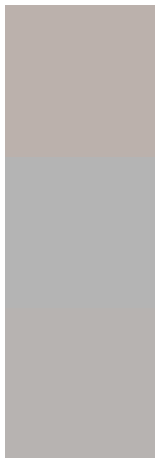
Original Color
73, 4.664, 54.972

Protanomaly
73, 3.777, 65.110

Deuteranomaly
73, 7.747, 27.978

Tritanomaly
73, 6.195, 342.119

Monochromacy



Original Color
73, 4.664, 54.972

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.840, 55.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.664, 54.972 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, 177, 172)` looks like.

```
.text, #text, p{  
    color:rgb(187, 177, 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, 177, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 177, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.664, 54.972 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, 177, 172) }
```

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

```
.border{ border-color:rgb(187, 177, 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, 177, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 177, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 177, 172);  
box-shadow:4px 4px 4px 4px rgb(187, 177,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.664, 54.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 177, 172) }
```

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

```
.background{ background-color: rgb(187,  
177, 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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