

Converting Colors

CIELCh(72, 5.233, 74.318)

Have a look what the booklet for
CIELCh(72, 5.233, 74.318) contains.

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Color

CIELCh(72, 5.303, 74.304)

Conversions

Conversions Part 1

Format	Color
Hex	B7AFA7
RGB	183, 175, 167
RGB Percent	72%, 69%, 65%
CMY	0.2813, 0.3127, 0.3441
CMYK	0.00, 0.04, 0.09, 0.28
HSL	30°, 10%, 69%
HSV	30°, 9%, 72%
XYZ	41.9692, 43.6590, 42.8983
YIQ	176.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

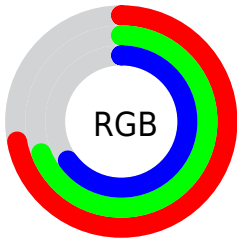
Format	Color
RYB	183, 183, 167
Decimal	12038055
CIELab	72.00, 1.43, 5.11
CIELCh	72, 5.303, 74.304
Yxy	43.6590, 0.3265, 0.3397
Android (android.graphics.Color)	4290228135 (0xFFB7AFA7)
YUV	176.4800, -4.6736, 5.7180
Hunter-Lab	66.0750, -2.2523, 7.7593

Details

The CIELCh color $72, 5.303, 74.304$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 5.201, 256.623$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.244, 71.243$, and $52, 5.447, 77.510$ is the 20% darker color. If you saturate the color by 10%, you get $69, 11.646, 73.137$, and if you desaturate by 10%, it is $75, 0.761, 256.047$.

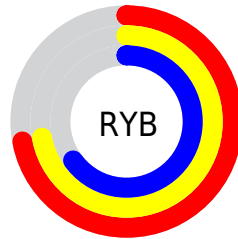
Distribution



Red (72%)

Green (69%)

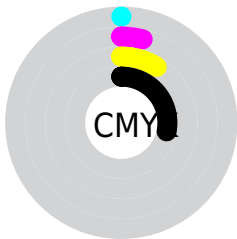
Blue (65%)



Red (72%)

Yellow (72%)

Blue (65%)

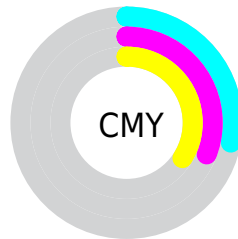


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.303, 74.304 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 72, 5.303, 74.304 by changing the saturation by 10% instead.

 72, 5.303, 74.304

 72, 5.303, 74.304

 100, 5.303, 74.304

 62, 5.303, 74.304

 92, 5.303, 74.304

 52, 5.303, 74.304

 42, 5.303, 74.304

 32, 5.303, 74.304

 22, 5.303, 74.304

 12, 5.303, 74.304

 2, 5.303, 74.304

 0, 5.303, 74.304

 72, 5.303, 74.304

 72, 5.303, 74.304

69, 11.646, 73.137

75, 0.761, 256.047

66, 18.288, 71.906

78, 6.573, 256.818

64, 25.238, 70.658

81, 12.158,
257.929

61, 32.482, 69.397

84, 17.543,
259.015

58, 39.954, 68.112

56, 47.490, 66.761

87, 21.112,
256.767

54, 54.745, 65.244

89, 19.442,
240.537

51, 61.073, 63.351

49, 65.876, 60.910

91, 19.463,
223.112

94, 21.115,
207.279

96, 23.059,
197.996

Harmonies

Complementary

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



72, 5.303, 74.304



71, 5.201, 256.623

Rectangle

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



72, 5.303, 74.304



72, 5.303, 124.304



72, 5.303, 254.304



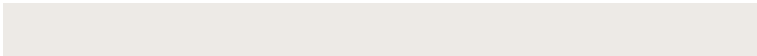
72, 5.303, 304.304

Sweetspot

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



72, 5.304, 74.327



93, 2.213, 74.889



70, 7.488, 344.320



50, 1.696, 74.833



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 5.304, 74.327



90, 7.514, 74.162



74, 8.619, 109.342



37, 3.451, 74.258



42, 58.767, 61.150



5, 8.771, 61.222

Inverse Universe

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



71, 5.201, 256.623



89, 7.338, 256.813



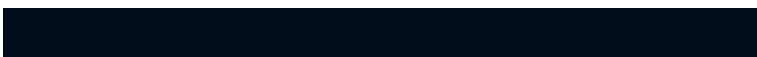
69, 8.797, 291.068



37, 3.378, 256.702



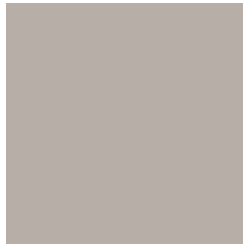
34, 49.294, 283.440



4, 10.215, 267.373

Previews

White Background



This preview shows how the CIELCh color 72, 5.303, 74.304 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 72, 5.303, 74.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

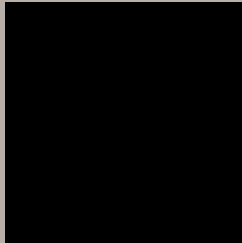
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

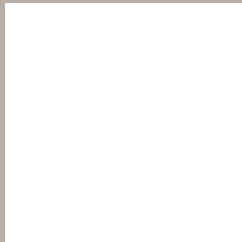
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.303, 74.304

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.303, 74.304.

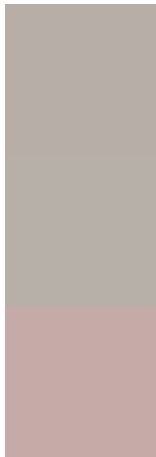


This preview shows how white text looks on a background with the CIELCh color 72, 5.303, 74.304.

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


72, 5.303, 74.304

Protanopia

72, 4.893, 81.721

Deuteranopia

72, 10.540, 26.136



Tritanopia
72, 9.268, 324.824

Trichromacy



Original Color
72, 5.303, 74.304

Protanomaly
72, 4.893, 81.721

Deuteranomaly
72, 8.031, 35.599

Tritanomaly
72, 5.590, 344.112

Monochromacy



Original Color
72, 5.303, 74.304

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.969, 74.848

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 72, 5.303, 74.304 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, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 167)  
}
```

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, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.303, 74.304 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, 175, 167) }
```

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

```
.border{ border-color:rgb(183, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.303, 74.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 167) }
```

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

```
.background{ background-color: rgb(183,  
175, 167) }
```

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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