

Converting Colors

CIELCh(72, 3.185, 69.082)

Have a look what the booklet for
CIELCh(72, 3.185, 69.082) contains.

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Color

CIELCh(72, 3.295, 74.655)

Conversions

Conversions Part 1

Format	Color
Hex	B5B0AB
RGB	181, 176, 171
RGB Percent	71%, 69%, 67%
CMY	0.2913, 0.3109, 0.3305
CMYK	0.00, 0.03, 0.06, 0.29
HSL	30°, 6%, 69%
HSV	30°, 6%, 71%
XYZ	41.7834, 43.6590, 44.6127
YIQ	176.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

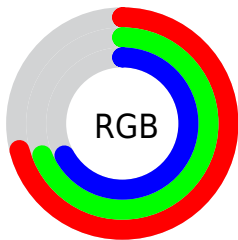
Format	Color
RYB	181, 181, 171
Decimal	11907243
CIELab	72.00, 0.87, 3.18
CIELCh	72, 3.295, 74.655
Yxy	43.6590, 0.3213, 0.3357
Android (android.graphics.Color)	4290097323 (0xFFB5B0AB)
YUV	176.9250, -2.9210, 3.5738
Hunter-Lab	66.0750, -2.7543, 6.2209

Details

The CIELCh color $72, 3.295, 74.655$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 3.264, 256.246$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 3.559, 79.490$, and $52, 3.305, 80.270$ is the 20% darker color. If you saturate the color by 10%, you get $69, 9.476, 73.540$, and if you desaturate by 10%, it is $75, 2.618, 256.116$.

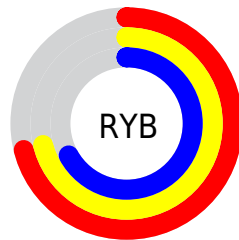
Distribution



Red (71%)

Green (69%)

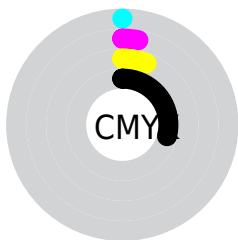
Blue (67%)



Red (71%)

Yellow (71%)

Blue (67%)

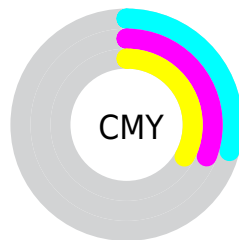


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.295, 74.655 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, 3.295, 74.655 by changing the saturation by 10% instead.

 72, 3.295, 74.655

 72, 3.295, 74.655

 100, 3.295, 74.655

 62, 3.295, 74.655

 92, 3.295, 74.655

 52, 3.295, 74.655

 42, 3.295, 74.655

 32, 3.295, 74.655

 22, 3.295, 74.655

 12, 3.295, 74.655

 2, 3.295, 74.655

 0, 3.295, 74.655

 72, 3.295, 74.655

 72, 3.295, 74.655

69, 9.476, 73.540

75, 2.618, 256.116

66, 15.946, 72.319

78, 8.290, 257.186

64, 22.719, 71.076

81, 13.748,
258.292

61, 29.791, 69.821

84, 19.014,
259.366

59, 37.116, 68.547

56, 44.573, 67.226

86, 21.574,
255.350

54, 51.890, 65.781

89, 20.031,
239.665

51, 58.537, 64.045

49, 63.690, 61.723

91, 20.091,
223.001

94, 21.690,
207.810

95, 23.784,
197.951

Harmonies

Complementary

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



72, 3.295, 74.655



71, 3.264, 256.246

Rectangle

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



72, 3.295, 74.655



72, 3.295, 124.655



72, 3.295, 254.655



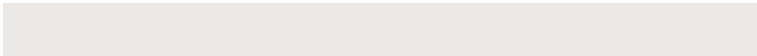
72, 3.295, 304.655

Sweetspot

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



72, 3.296, 74.691



92, 1.457, 74.930



71, 4.672, 344.020



49, 0.827, 74.926



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 3.296, 74.691



90, 5.176, 74.522



73, 5.398, 109.644



37, 2.685, 74.486



41, 58.040, 61.217



4, 7.582, 63.041

Inverse Universe

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



71, 3.264, 256.246



90, 5.101, 256.432



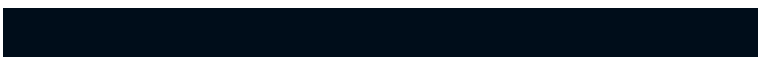
70, 5.478, 290.733



36, 2.643, 256.473



33, 48.646, 283.384



3, 8.804, 266.110

Previews

White Background



This preview shows how the CIELCh color 72, 3.295, 74.655 looks on a white background.

Color Contrast Check

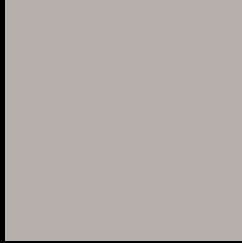
Large Text (above 18pt) WCAG AA × Fail

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, 3.295, 74.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

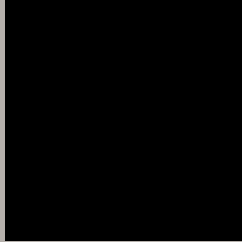
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

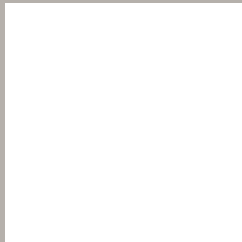
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.295, 74.655

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.295, 74.655.



This preview shows how white text looks on a background with the CIELCh color 72, 3.295, 74.655.

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, 3.295, 74.655

Protanopia

72, 3.295, 74.655

Deuteranopia

72, 9.240, 16.808



Tritanopia
72, 8.516, 316.474

Trichromacy



Original Color
72, 3.295, 74.655

Protanomaly
72, 3.295, 74.655

Deuteranomaly
72, 6.527, 24.635

Tritanomaly
72, 4.870, 328.242

Monochromacy



Original Color
72, 3.295, 74.655

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.137, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.295, 74.655 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(181, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(181, 176, 171)  
}
```

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(181, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 176, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.295, 74.655 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(181, 176, 171) }
```

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

```
.border{ border-color:rgb(181, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(181, 176,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.295, 74.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 176, 171) }
```

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

```
.background{ background-color: rgb(181,  
176, 171) }
```

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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