

Converting Colors

CIELCh(72, 8.718, 73.685)

Have a look what the booklet for
CIELCh(72, 8.718, 73.685) contains.

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Color

CIELCh(72, 8.688, 73.696)

Conversions

Conversions Part 1

Format	Color
Hex	BBAEA1
RGB	187, 174, 161
RGB Percent	73%, 68%, 63%
CMY	0.2649, 0.3159, 0.3669
CMYK	0.00, 0.07, 0.14, 0.26
HSL	30°, 16%, 68%
HSV	30°, 14%, 74%
XYZ	42.3022, 43.6590, 40.1223
YIQ	176.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

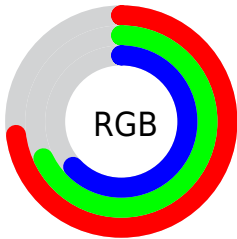
Format	Color
RYB	187, 187, 161
Decimal	12299937
CIELab	72.00, 2.44, 8.34
CIELCh	72, 8.688, 73.696
Yxy	43.6590, 0.3355, 0.3463
Android (android.graphics.Color)	4290490017 (0xFFBBAEA1)
YUV	176.4050, -7.5947, 9.2918
Hunter-Lab	66.0750, -1.3527, 10.2502

Details

The CIELCh color $72, 8.688, 73.696$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.394, 257.330$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.442, 71.999$, and $52, 9.080, 75.279$ is the 20% darker color. If you saturate the color by 10%, you get $69, 15.304, 72.492$, and if you desaturate by 10%, it is $75, 2.369, 74.820$.

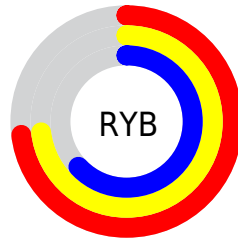
Distribution



Red (73%)

Green (68%)

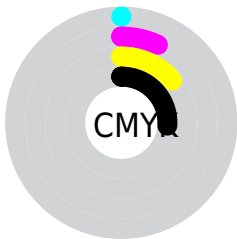
Blue (63%)



Red (73%)

Yellow (73%)

Blue (63%)

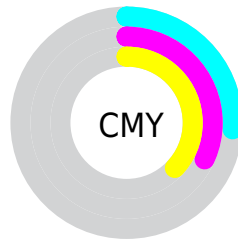


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.688, 73.696 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, 8.688, 73.696 by changing the saturation by 10% instead.

 72, 8.688, 73.696

 72, 8.688, 73.696

 100, 8.688, 73.696

 62, 8.688, 73.696

 92, 8.688, 73.696

 52, 8.688, 73.696

 42, 8.688, 73.696

 32, 8.688, 73.696

 22, 8.688, 73.696

 12, 8.688, 73.696

 2, 8.688, 73.696

 0, 8.688, 73.696

 72, 8.688, 73.696

 72, 8.688, 73.696

69, 15.304, 72.492

75, 2.369, 74.820

66, 22.233, 71.249

78, 3.680, 256.253

64, 29.473, 69.993

81, 9.484, 257.351

61, 36.985, 68.720

84, 15.070,
258.455

58, 44.661, 67.407

87, 20.386,
259.369

56, 52.249, 65.985

54, 59.246, 64.303

89, 18.475,
242.241

51, 64.819, 62.073

92, 18.406,
223.448

50, 67.653, 60.560

94, 20.139,
206.445

96, 21.844,
198.072

Harmonies

Complementary

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



72, 8.688, 73.696



71, 8.394, 257.330

Rectangle

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



72, 8.688, 73.696



72, 8.688, 123.696



72, 8.688, 253.696



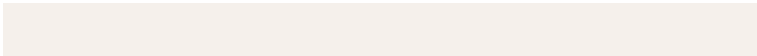
72, 8.688, 303.696

Sweetspot

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



72, 8.689, 73.711



95, 3.037, 74.804



69, 12.192, 344.794



50, 2.162, 74.735



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 8.689, 73.711



90, 13.327, 73.300



75, 13.938, 108.849



38, 3.530, 74.244



43, 59.490, 61.087



6, 10.072, 59.635

Inverse Universe

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



71, 8.394, 257.330



88, 12.750, 257.848



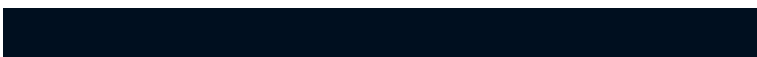
67, 14.383, 291.652



38, 3.455, 256.697



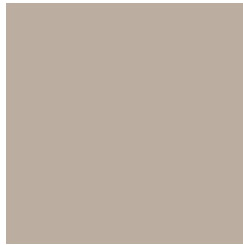
34, 49.943, 283.497



4, 11.554, 268.444

Previews

White Background



This preview shows how the CIELCh color 72, 8.688, 73.696 looks on a white background.

Color Contrast Check

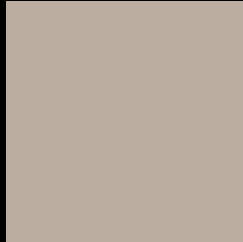
Large Text (above 18pt) WCAG AA × Fail

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 72, 8.688, 73.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

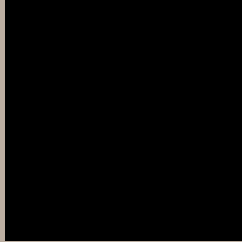
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 8.688, 73.696

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.688, 73.696.

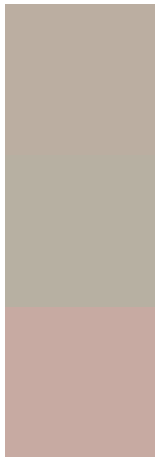


This preview shows how white text looks on a background with the CIELCh color 72, 8.688, 73.696.

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, 8.688, 73.696

Protanopia

72, 8.050, 89.685

Deuteranopia

72, 12.244, 40.915



Tritanopia
72, 10.324, 337.096

Trichromacy



Original Color
72, 8.688, 73.696

Protanomaly
72, 8.043, 80.539

Deuteranomaly
72, 10.552, 50.804

Tritanomaly
72, 7.179, 2.394

Monochromacy



Original Color
72, 8.688, 73.696

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.295, 74.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.688, 73.696 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, 174, 161)` looks like.

```
.text, #text, p{  
    color:rgb(187, 174, 161)  
}
```

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, 174, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 174, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.688, 73.696 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, 174, 161) }
```

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

```
.border{ border-color:rgb(187, 174, 161) }
```

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

Here you see how a box with a 4 pixel rgb(187, 174, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 174, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 174, 161);  
box-shadow:4px 4px 4px 4px rgb(187, 174,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.688, 73.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 174, 161) }
```

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

```
.background{ background-color: rgb(187,  
174, 161) }
```

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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