

Converting Colors

CIELCh(72, 6.467, 92.933)

Have a look what the booklet for
CIELCh(72, 6.467, 92.933) contains.

CIELCh(72, 6.256, 91.651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 6.256, 91.651)

Conversions

Conversions Part 1

Format	Color
Hex	B5B0A5
RGB	181, 176, 165
RGB Percent	71%, 69%, 65%
CMY	0.2897, 0.3093, 0.3525
CMYK	0.00, 0.03, 0.09, 0.29
HSL	41°, 10%, 68%
HSV	41°, 9%, 71%
XYZ	41.4375, 43.6590, 41.8984
YIQ	176.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

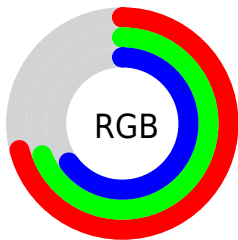
Format	Color
RYB	172, 181, 165
Decimal	11907237
CIELab	72.00, -0.18, 6.25
CIElCh	72, 6.256, 91.651
Yxy	43.6590, 0.3263, 0.3438
Android (android.graphics.Color)	4290097317 (0xFFB5B0A5)
YUV	176.2410, -5.5418, 4.1736
Hunter-Lab	66.0750, -3.6889, 8.6565

Details

The CIELCh color $72, 6.256, 91.651$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 6.271, 273.926$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.428, 93.225$, and $52, 6.562, 94.730$ is the 20% darker color. If you saturate the color by 10%, you get $70, 13.473, 90.433$, and if you desaturate by 10%, it is $74, 0.827, 273.164$.

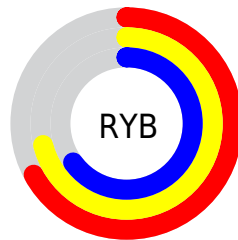
Distribution



Red (71%)

Green (69%)

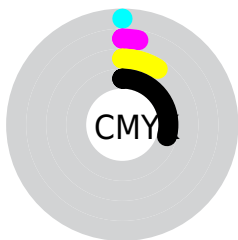
Blue (65%)



Red (67%)

Yellow (71%)

Blue (65%)

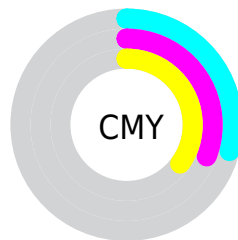


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.256, 91.651 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, 6.256, 91.651 by changing the saturation by 10% instead.

 72, 6.256, 91.651

 72, 6.256, 91.651

 100, 6.256, 91.651

 62, 6.256, 91.651

 92, 6.256, 91.651

 52, 6.256, 91.651

 42, 6.256, 91.651

 32, 6.256, 91.651

 22, 6.256, 91.651

 12, 6.256, 91.651

 2, 6.256, 91.651

 0, 6.256, 91.651

 72, 6.256, 91.651

 72, 6.256, 91.651

70, 13.473, 90.433

74, 0.827, 273.164

68, 20.808, 89.146

76, 7.777, 274.097

66, 28.231, 87.817

78, 14.601,
275.195

65, 35.671, 86.449

80, 21.304,
276.249

63, 42.988, 85.035

61, 49.932, 83.549

82, 27.549,
277.001

60, 56.069, 81.936

84, 25.114,
270.778

58, 60.762, 80.089

57, 63.641, 77.917

85, 23.026,
263.398

86, 21.380,
254.802

88, 20.271,
245.111

Harmonies

Complementary

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



72, 6.256, 91.651



70, 6.271, 273.926

Rectangle

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



72, 6.256, 91.651



72, 6.256, 141.651



72, 6.256, 271.651



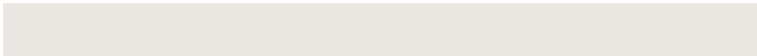
72, 6.256, 321.651

Sweetspot

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



72, 6.257, 91.668



92, 2.601, 92.308



69, 6.714, 355.575



49, 1.973, 92.232



96, 0.011, 296.813



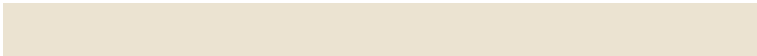
49, 0.007, 296.813

Same Dimension

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



72, 6.257, 91.668



90, 9.637, 91.385



73, 8.724, 116.744



38, 4.059, 91.607



49, 57.194, 78.012



7, 9.888, 82.698

Inverse Universe

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



70, 6.271, 273.926



87, 9.652, 274.243



68, 8.896, 297.989



36, 4.067, 273.994



25, 68.909, 297.259



2, 12.018, 278.749

Previews

White Background



This preview shows how the CIELCh color 72, 6.256, 91.651 looks on a white background.

Color Contrast Check

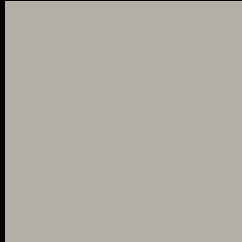
Large Text (above 18pt) WCAG AA × Fail

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, 6.256, 91.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

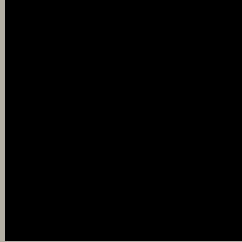
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

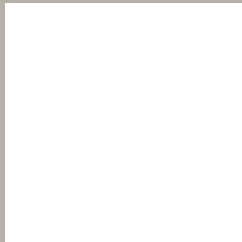
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.256, 91.651

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.256, 91.651.

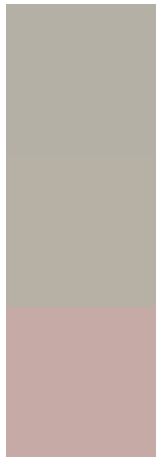


This preview shows how white text looks on a background with the CIELCh color 72, 6.256, 91.651.

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, 6.256, 91.651

Protanopia

72, 6.384, 88.334

Deuteranopia

72, 10.756, 31.825



Tritanopia
72, 8.684, 318.683

Trichromacy



Original Color
72, 6.256, 91.651

Protanomaly
72, 6.384, 88.334

Deuteranomaly
72, 8.059, 43.673

Tritanomaly
72, 4.358, 341.070

Monochromacy



Original Color
72, 6.256, 91.651

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.286, 90.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.256, 91.651 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(181, 176, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 176, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.256, 91.651 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, 165) }
```

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

```
.border{ border-color:rgb(181, 176, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(181, 176,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.256, 91.651 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, 165) }
```

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

```
.background{ background-color: rgb(181,  
176, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor