

Converting Colors

CIELCh(72, 5.460, 101.589)

Have a look what the booklet for
CIELCh(72, 5.460, 101.589) contains.

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Color

CIELCh(72, 5.466, 101.585)

Conversions

Conversions Part 1

Format	Color
Hex	B3B1A7
RGB	179, 177, 167
RGB Percent	70%, 69%, 65%
CMY	0.2992, 0.3070, 0.3462
CMYK	0.00, 0.01, 0.07, 0.30
HSL	50°, 7%, 68%
HSV	50°, 7%, 70%
XYZ	41.1374, 43.6590, 42.6797
YIQ	176.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

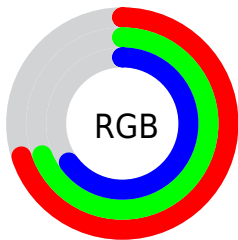
Format	Color
RYB	169, 179, 167
Decimal	11776423
CIELab	72.00, -1.10, 5.35
CIELCh	72, 5.466, 101.585
Yxy	43.6590, 0.3227, 0.3425
Android (android.graphics.Color)	4289966503 (0xFFB3B1A7)
YUV	176.4580, -4.6628, 2.2293
Hunter-Lab	66.0750, -4.4996, 7.9554

Details

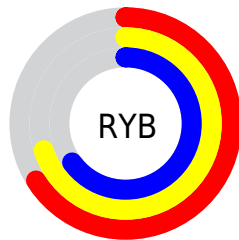
The CIELCh color $72, 5.466, 101.585$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 5.528, 283.129$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.701, 102.413$, and $52, 5.263, 100.523$ is the 20% darker color. If you saturate the color by 10%, you get $71, 13.659, 100.505$, and if you desaturate by 10%, it is $73, 2.682, 282.748$.

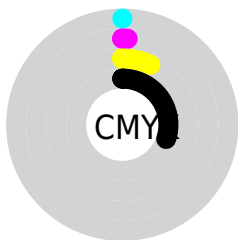
Distribution



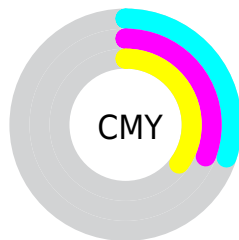
- Red (70%)
- Green (69%)
- Blue (65%)



- Red (66%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.466, 101.585 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, 5.466, 101.585 by changing the saturation by 10% instead.

■ 72, 5.466, 101.585

■ 72, 5.466, 101.585

■ 100, 5.466,
101.585

■ 62, 5.466, 101.585

■ 92, 5.466, 101.585

■ 52, 5.466, 101.585

■ 42, 5.466, 101.585

■ 32, 5.466, 101.585

■ 22, 5.466, 101.585

■ 12, 5.466, 101.585

■ 2, 5.466, 101.585

■ 0, 5.466, 101.585

■ 72, 5.466, 101.585

■ 72, 5.466, 101.585

71, 13.659,
100.505

73, 2.682, 282.748

70, 21.862, 99.371

75, 10.770,
283.749

69, 30.016, 98.216

76, 18.789,
284.737

67, 38.022, 97.049

77, 26.733,
285.683

66, 45.710, 95.881

65, 52.804, 94.718

79, 34.037,
286.407

65, 58.880, 93.559

79, 32.482,
284.246

64, 63.387, 92.387

63, 65.889, 91.169

80, 30.978,
281.886

81, 29.530,
279.303

82, 28.147,
276.476

Harmonies

Complementary

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



72, 5.466, 101.585



69, 5.528, 283.129

Rectangle

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



72, 5.466, 101.585



72, 5.466, 151.585



72, 5.466, 281.585



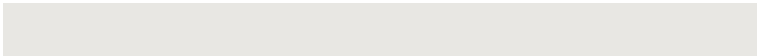
72, 5.466, 331.585

Sweetspot

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



72, 5.467, 101.601



92, 2.004, 102.055



69, 4.711, 6.318



49, 1.148, 102.062



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, 5.467, 101.601



91, 8.063, 101.449



72, 6.688, 122.701



37, 4.614, 101.321



54, 59.398, 90.934



7, 10.342, 97.986

Inverse Universe

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



69, 5.528, 283.129



87, 8.163, 283.295



69, 6.781, 303.405



35, 4.677, 283.437



20, 81.739, 303.109



1, 11.650, 284.383

Previews

White Background



This preview shows how the CIELCh color 72, 5.466, 101.585 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, 5.466, 101.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

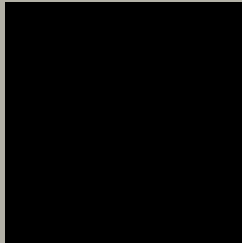
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

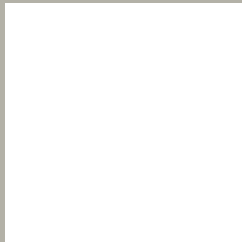
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.466, 101.585

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.466, 101.585.

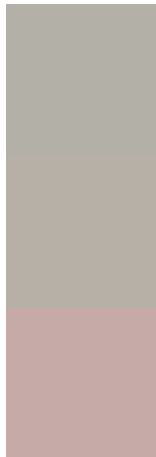


This preview shows how white text looks on a background with the CIELCh color 72, 5.466, 101.585.

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, 5.466, 101.585

Protanopia

72, 5.879, 86.513

Deuteranopia

72, 10.540, 26.136



Tritanopia
72, 7.707, 313.260

Trichromacy



Original Color
72, 5.466, 101.585

Protanomaly
72, 5.740, 90.073

Deuteranomaly
72, 7.276, 37.212

Tritanomaly
72, 3.549, 329.510

Monochromacy



Original Color
72, 5.466, 101.585

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.661, 96.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.466, 101.585 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(179, 177, 167)` looks like.

```
.text, #text, p{  
    color:rgb(179, 177, 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(179, 177, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 177, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.466, 101.585 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(179, 177, 167) }
```

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

```
.border{ border-color:rgb(179, 177, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 177, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 177, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 177, 167);  
box-shadow:4px 4px 4px 4px rgb(179, 177,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.466, 101.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 177, 167) }
```

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

```
.background{ background-color: rgb(179,  
177, 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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