

Converting Colors

CIELCh(72, 13.664, 294.470)

Have a look what the booklet for
CIELCh(72, 13.664, 294.470)
contains.

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Color

CIELCh(72, 13.664, 294.470)

Conversions

Conversions Part 1

Format	Color
Hex	B0AEC7
RGB	176, 174, 199
RGB Percent	69%, 68%, 78%
CMY	0.3096, 0.3174, 0.2194
CMYK	0.12, 0.13, 0.00, 0.22
HSL	245°, 18%, 73%
HSV	245°, 13%, 78%
XYZ	43.3820, 43.6590, 60.2114
YIQ	177.4480, -6.8330, 8.1990

Conversions

Conversions Part 2

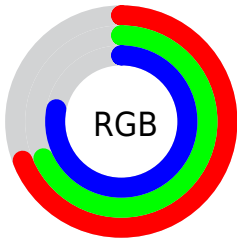
Format	Color
R _Y B	176, 174, 199
Decimal	11579079
CIE Lab	72.00, 5.66, -12.44
CIE LCh	72, 13.664, 294.470
Yxy	43.6590, 0.2946, 0.2965
Android (android.graphics.Color)	4289769159 (0xFFB0AEC7)
YUV	177.4480, 10.6251, -1.2699
Hunter-Lab	66.0750, 1.5643, -7.7760

Details

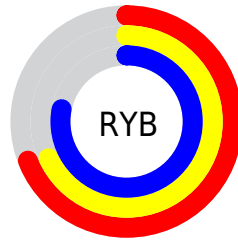
The CIELCh color $72, 13.664, 294.470$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $80, 13.280, 112.270$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.528, 295.577$, and $52, 13.388, 293.436$ is the 20% darker color. If you saturate the color by 10%, you get $65, 25.039, 295.551$, and if you desaturate by 10%, it is $79, 2.736, 293.549$.

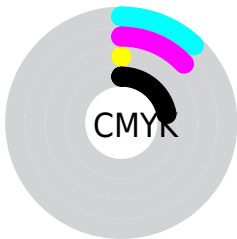
Distribution



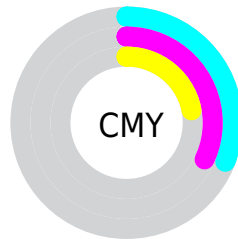
- Red (69%)
- Green (68%)
- Blue (78%)



- Red (69%)
- Yellow (68%)
- Blue (78%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 13.664, 294.470 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, 13.664, 294.470 by changing the saturation by 10% instead.

■ 72, 13.664,
294.470

■ 72, 13.664,
294.470

■ 100, 13.664,
294.470

■ 62, 13.664,
294.470

■ 92, 13.664,
294.470

■ 52, 13.664,
294.470

■ 42, 13.664,
294.470

■ 32, 13.664,
294.470

■ 22, 13.664,
294.470

■ 12, 13.664,
294.470

■ 2, 13.664, 294.470

■ 0, 13.664, 294.470

■ 72, 13.664,
294.470

■ 72, 13.664,
294.470

■ 65, 25.039,
295.551

■ 79, 2.736, 293.549

■ 85, 7.769, 112.739

■ 59, 36.891,
296.814

■ 92, 17.884,
112.065

■ 52, 49.221,
298.268

■ 98, 27.635,
111.485

■ 46, 61.967,
299.904

■ 99, 28.202,
108.035

■ 40, 74.916,
301.672

■ 34, 87.526,
303.447

■ 29, 98.704,
305.003

■ 26, 106.818,
306.049

■ 24, 110.637,
306.516

Harmonies

Complementary

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



72, 13.664, 294.470



80, 13.280, 112.270

Rectangle

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



72, 13.664, 294.470



72, 13.664, 344.470



72, 13.664, 114.470



72, 13.664, 164.470

Sweetspot

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



72, 13.662, 294.467



97, 5.239, 293.674



78, 8.301, 205.040



51, 3.728, 293.740



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 13.662, 294.467



88, 20.057, 294.739



73, 14.587, 311.891



38, 6.127, 294.157



19, 95.393, 306.567



1, 21.550, 293.855

Inverse Universe

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



74, 15.517, 327.368



91, 22.687, 327.524



79, 14.372, 130.834



39, 6.990, 327.180



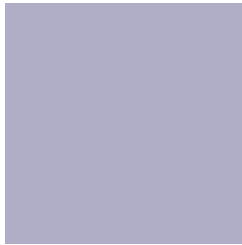
38, 77.774, 331.658



4, 24.964, 329.796

Previews

White Background



This preview shows how the CIELCh color 72, 13.664, 294.470 looks on a white background.

Color Contrast Check

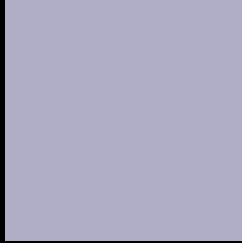
Large Text (above 18pt) WCAG AA × Fail

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, 13.664, 294.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

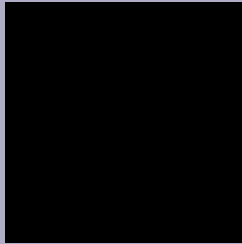
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 13.664, 294.470

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.664, 294.470.



This preview shows how white text looks on a background with the CIELCh color 72, 13.664, 294.470.

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, 13.664, 294.470

Protanopia

72, 13.627, 288.542

Deuteranopia

72, 15.828, 305.968



Tritanopia
72, 7.648, 285.510

Trichromacy



Original Color
72, 13.664, 294.470

Protanomaly
72, 13.620, 290.017

Deuteranomaly
72, 14.976, 301.143

Tritanomaly
72, 9.811, 291.136

Monochromacy



Original Color
72, 13.664, 294.470

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 4.900, 290.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.664, 294.470 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(176, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(176, 174, 199)  
}
```

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(176, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 174, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.664, 294.470 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(176, 174, 199) }
```

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

```
.border{ border-color:rgb(176, 174, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(176, 174,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.664, 294.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 174, 199) }
```

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

```
.background{ background-color: rgb(176,  
174, 199) }
```

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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