

Converting Colors

CIELCh(72, 4.630, 328.799)

Have a look what the booklet for
CIELCh(72, 4.630, 328.799) contains.

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Color

CIELCh(72, 4.870, 328.242)

Conversions

Conversions Part 1

Format	Color
Hex	B6AEB5
RGB	182, 174, 181
RGB Percent	71%, 68%, 71%
CMY	0.2855, 0.3169, 0.2894
CMYK	0.00, 0.04, 0.01, 0.29
HSL	308°, 5%, 70%
HSV	308°, 4%, 71%
XYZ	42.8705, 43.6590, 49.9875
YIQ	177.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

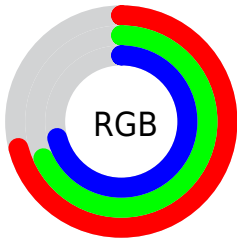
Format	Color
RYB	182, 174, 181
Decimal	11972277
CIELab	72.00, 4.14, -2.56
CIELCh	72, 4.870, 328.242
Yxy	43.6590, 0.3140, 0.3198
Android (android.graphics.Color)	4290162357 (0xFFB6AEB5)
YUV	177.1900, 1.8783, 4.2184
Hunter-Lab	66.0750, 0.1825, 1.3980

Details

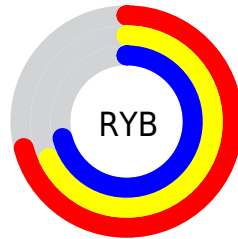
The CIELCh color $72, 4.870, 328.242$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 4.851, 147.842$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.260, 327.770$, and $52, 4.484, 328.872$ is the 20% darker color. If you saturate the color by 10%, you get $67, 16.048, 328.867$, and if you desaturate by 10%, it is $77, 6.142, 147.774$.

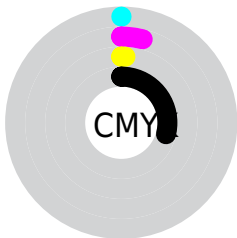
Distribution



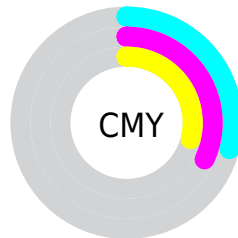
- Red (71%)
- Green (68%)
- Blue (71%)



- Red (71%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.870, 328.242 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, 4.870, 328.242 by changing the saturation by 10% instead.

■ 72, 4.870, 328.242

■ 72, 4.870, 328.242

■ 100, 4.870,
328.242

■ 62, 4.870, 328.242

■ 92, 4.870, 328.242

■ 52, 4.870, 328.242

■ 42, 4.870, 328.242

■ 32, 4.870, 328.242

■ 22, 4.870, 328.242

■ 12, 4.870, 328.242

■ 2, 4.870, 328.242

■ 0, 4.870, 328.242

■ 72, 4.870, 328.242

■ 72, 4.870, 328.242

67, 16.048,
328.867

77, 6.142, 147.774

63, 27.262,
329.471

82, 16.902,
147.198

58, 38.308,
330.076

87, 27.366,
146.668

54, 48.896,
330.678

92, 37.515,
146.166

51, 58.645,
331.272

94, 41.305,
146.501

48, 67.103,
331.854

94, 40.380,
147.497

45, 73.808,
332.427

94, 39.464,
148.536

43, 78.392,
332.999

94, 38.557,
149.621

42, 80.718,

94, 37.661,
150.755

Harmonies

Complementary

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



72, 4.870, 328.242



73, 4.851, 147.842

Rectangle

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



72, 4.870, 328.242



72, 4.870, 18.242



72, 4.870, 148.242



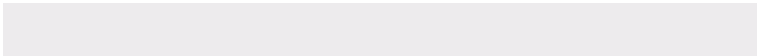
72, 4.870, 198.242

Sweetspot

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



72, 4.868, 328.243



93, 1.377, 327.867



71, 4.386, 295.111



50, 0.789, 327.851



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 4.868, 328.243



91, 6.872, 328.291



72, 3.455, 350.719



37, 3.795, 328.326



36, 72.525, 333.845



3, 16.565, 330.128

Inverse Universe

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



72, 4.868, 328.243



91, 6.872, 328.291



73, 3.415, 170.189



37, 3.795, 328.326



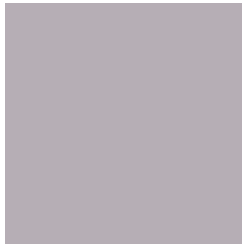
36, 72.525, 333.845



3, 16.565, 330.128

Previews

White Background



This preview shows how the CIELCh color 72, 4.870, 328.242 looks on a white background.

Color Contrast Check

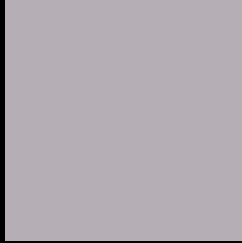
Large Text (above 18pt) WCAG AA × Fail

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, 4.870, 328.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

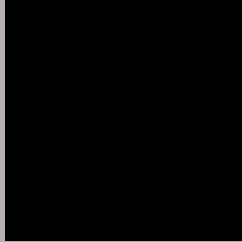
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

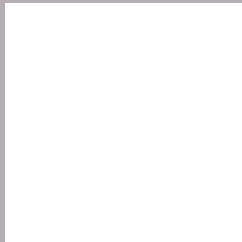
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.870, 328.242

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.870, 328.242.



This preview shows how white text looks on a background with the CIELCh color 72, 4.870, 328.242.

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, 4.870, 328.242

Protanopia

72, 3.992, 306.692

Deuteranopia

72, 9.626, 341.844



Tritanopia
72, 8.516, 316.474

Trichromacy



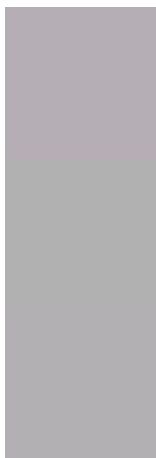
Original Color
72, 4.870, 328.242

Protanomaly
72, 4.266, 316.302

Deuteranomaly
72, 8.124, 338.063

Tritanomaly
72, 7.554, 320.062

Monochromacy



Original Color
72, 4.870, 328.242

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.997, 324.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.870, 328.242 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(182, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 181)  
}
```

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(182, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.870, 328.242 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(182, 174, 181) }
```

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

```
.border{ border-color:rgb(182, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.870, 328.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 181) }
```

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

```
.background{ background-color: rgb(182,  
174, 181) }
```

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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