

Converting Colors

CIELCh(72, 4.397, 125.932)

Have a look what the booklet for
CIELCh(72, 4.397, 125.932) contains.

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Color

CIELCh(72, 4.608, 128.899)

Conversions

Conversions Part 1

Format	Color
Hex	AEB2AA
RGB	174, 178, 170
RGB Percent	68%, 70%, 67%
CMY	0.3182, 0.3025, 0.3339
CMYK	0.02, 0.00, 0.04, 0.30
HSL	90°, 5%, 68%
HSV	90°, 4%, 70%
XYZ	40.5541, 43.6590, 44.2455
YIQ	175.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

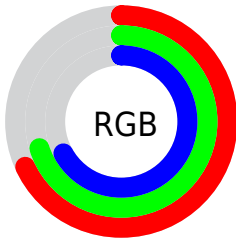
Format	Color
RYB	170, 178, 174
Decimal	11449002
CIELab	72.00, -2.89, 3.59
CIELCh	72, 4.608, 128.899
Yxy	43.6590, 0.3157, 0.3399
Android (android.graphics.Color)	4289639082 (0xFFFAEB2AA)
YUV	175.8920, -2.9048, -1.6593
Hunter-Lab	66.0750, -6.0751, 6.5504

Details

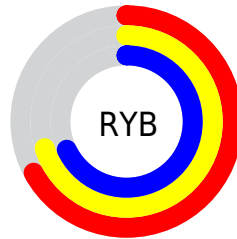
The CIELCh color $72, 4.608, 128.899$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 4.653, 309.247$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 4.987, 130.855$, and $52, 4.238, 126.300$ is the 20% darker color. If you saturate the color by 10%, you get $71, 14.899, 128.440$, and if you desaturate by 10%, it is $73, 5.636, 309.282$.

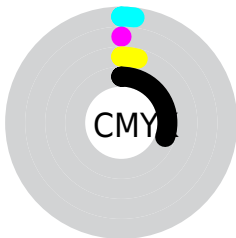
Distribution



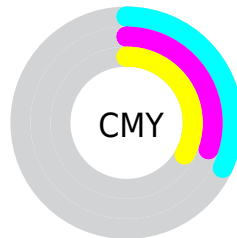
- Red (68%)
- Green (70%)
- Blue (67%)



- Red (67%)
- Yellow (70%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.608, 128.899 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, 4.608, 128.899 by changing the saturation by 10% instead.

■ 72, 4.608, 128.899

■ 72, 4.608, 128.899

■ 100, 4.608,
128.899

■ 62, 4.608, 128.899

■ 92, 4.608, 128.899

■ 52, 4.608, 128.899

■ 42, 4.608, 128.899

■ 32, 4.608, 128.899

■ 22, 4.608, 128.899

■ 12, 4.608, 128.899

■ 2, 4.608, 128.899

■ 0, 4.608, 128.899

■ 72, 4.608, 128.899

■ 72, 4.608, 128.899

71, 14.899,
128.440

73, 5.636, 309.282

70, 25.164,
127.964

74, 15.792,
309.678

69, 35.313,
127.482

76, 25.825,
310.028

68, 45.211,
127.021

77, 35.711,
310.342

67, 54.665,
126.624

78, 43.550,
311.374

67, 63.400,
126.364

79, 44.442,
315.128

66, 71.042,
126.339

80, 45.505,
318.781

66, 77.156,
126.674

81, 46.731,
322.309

65, 81.397,

82, 48.113,
325.693

127.475

Harmonies

Complementary

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



72, 4.608, 128.899



70, 4.653, 309.247

Rectangle

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



72, 4.608, 128.899



72, 4.608, 178.899



72, 4.608, 308.899



72, 4.608, 358.899

Sweetspot

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



72, 4.610, 128.907



92, 1.262, 129.137



71, 2.638, 74.755



49, 0.723, 129.145



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, 4.610, 128.907



91, 6.362, 128.878



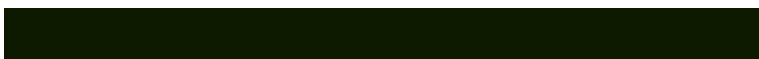
72, 5.317, 144.235



38, 3.494, 128.854



56, 74.335, 127.810



7, 14.498, 132.733

Inverse Universe

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



70, 4.653, 309.247



89, 6.422, 309.275



70, 5.333, 324.641



36, 3.528, 309.300



23, 85.086, 312.067



1, 13.841, 305.240

Previews

White Background



This preview shows how the CIELCh color 72, 4.608, 128.899 looks on a white background.

Color Contrast Check

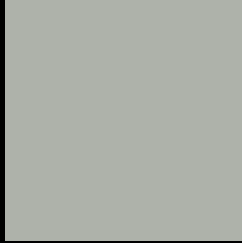
Large Text (above 18pt) WCAG AA × Fail

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, 4.608, 128.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

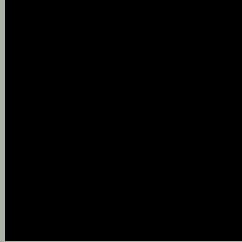
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

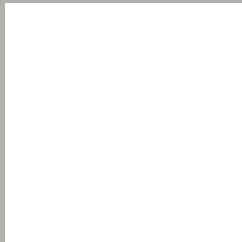
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.608, 128.899

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.608, 128.899.



This preview shows how white text looks on a background with the CIELCh color 72, 4.608, 128.899.

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, 4.608, 128.899

Protanopia

72, 4.234, 82.981

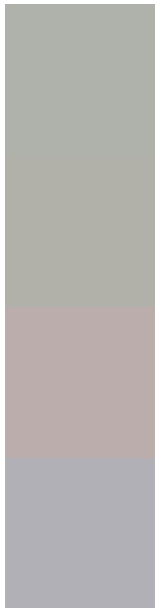
Deuteranopia

72, 9.243, 20.154



Tritanopia
72, 7.678, 296.355

Trichromacy



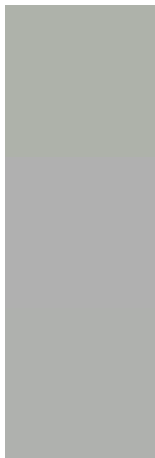
Original Color
72, 4.608, 128.899

Protanomaly
72, 4.348, 104.716

Deuteranomaly
72, 5.458, 31.208

Tritanomaly
72, 3.273, 290.515

Monochromacy



Original Color
72, 4.608, 128.899

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.795, 134.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.608, 128.899 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(174, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(174, 178, 170)  
}
```

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(174, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 178, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.608, 128.899 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(174, 178, 170) }
```

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

```
.border{ border-color:rgb(174, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(174, 178,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.608, 128.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 178, 170) }
```

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

```
.background{ background-color: rgb(174,  
178, 170) }
```

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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