

Converting Colors

CIELCh(72, 8.120, 122.731)

Have a look what the booklet for
CIELCh(72, 8.120, 122.731) contains.

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Color

CIELCh(72, 7.754, 120.818)

Conversions

Conversions Part 1

Format	Color
Hex	AEB2A4
RGB	174, 178, 164
RGB Percent	68%, 70%, 64%
CMY	0.3167, 0.3009, 0.3559
CMYK	0.02, 0.00, 0.08, 0.30
HSL	77°, 8%, 67%
HSV	77°, 8%, 70%
XYZ	40.2064, 43.6590, 41.5488
YIQ	175.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

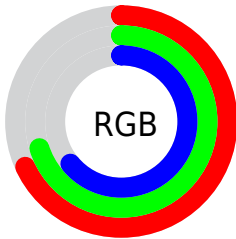
Format	Color
RYB	164, 178, 168
Decimal	11448996
CIELab	72.00, -3.97, 6.66
CIELCh	72, 7.754, 120.818
Yxy	43.6590, 0.3206, 0.3481
Android (android.graphics.Color)	4289639076 (0xFFFAEB2A4)
YUV	175.2080, -5.5255, -1.0594
Hunter-Lab	66.0750, -7.0145, 8.9702

Details

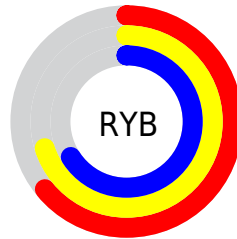
The CIELCh color **72, 7.754, 120.818** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 7.883, 301.732**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 7.951, 122.711**, and **52, 7.624, 118.540** is the 20% darker color. If you saturate the color by 10%, you get **71, 17.611, 120.233**, and if you desaturate by 10%, it is **73, 2.126, 301.371**.

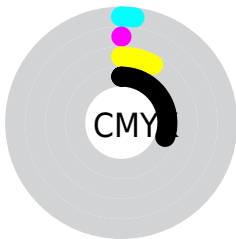
Distribution



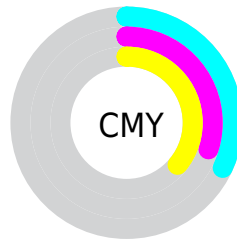
- Red (68%)
- Green (70%)
- Blue (64%)



- Red (64%)
- Yellow (70%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 7.754, 120.818 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, 7.754, 120.818 by changing the saturation by 10% instead.

■ 72, 7.754, 120.818

■ 72, 7.754, 120.818

■ 100, 7.754,
120.818

■ 62, 7.754, 120.818

■ 92, 7.754, 120.818

■ 52, 7.754, 120.818

■ 42, 7.754, 120.818

■ 32, 7.754, 120.818

■ 22, 7.754, 120.818

■ 12, 7.754, 120.818

■ 2, 7.754, 120.818

■ 0, 7.754, 120.818

■ 72, 7.754, 120.818

■ 72, 7.754, 120.818

71, 17.611,
120.233

73, 2.126, 301.371

70, 27.374,
119.637

74, 11.988,
301.930

70, 36.946,
119.058

75, 21.796,
302.442

69, 46.183,
118.527

76, 31.526,
302.920

69, 54.872,
118.094

77, 41.159,
303.364

68, 62.703,
117.829

77, 42.282,
305.427

68, 69.272,
117.828

78, 42.617,
307.649

67, 74.149,
118.196

78, 43.010,
309.858

67, 77.206,

79, 43.462,
312.048

118.976

Harmonies

Complementary

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



72, 7.754, 120.818



68, 7.883, 301.732

Rectangle

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



72, 7.754, 120.818



72, 7.754, 170.818



72, 7.754, 300.818



72, 7.754, 350.818

Sweetspot

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



72, 7.756, 120.825



92, 2.438, 121.175



70, 4.417, 48.940



49, 1.397, 121.182



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, 7.756, 120.825



91, 11.009, 120.749



71, 8.714, 137.983



37, 5.597, 120.739



58, 69.426, 118.984



8, 13.823, 125.025

Inverse Universe

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



68, 7.883, 301.732



86, 11.213, 301.815



69, 8.762, 318.627



35, 5.702, 301.826



19, 88.744, 308.277



1, 13.496, 298.790

Previews

White Background



This preview shows how the CIELCh color 72, 7.754, 120.818 looks on a white background.

Color Contrast Check

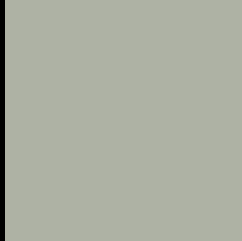
Large Text (above 18pt) WCAG AA × Fail

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, 7.754, 120.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

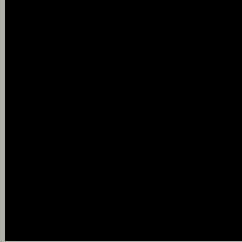
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

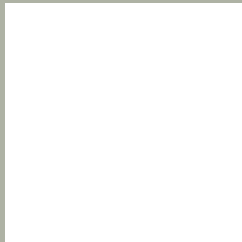
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 7.754, 120.818

Background



This preview shows how black text looks on a background with the CIELCh color 72, 7.754, 120.818.



This preview shows how white text looks on a background with the CIELCh color 72, 7.754, 120.818.

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, 7.754, 120.818

Protanopia

72, 7.539, 88.385

Deuteranopia

72, 10.756, 31.825



Tritanopia
72, 7.187, 299.625

Trichromacy



Original Color
72, 7.754, 120.818

Protanomaly
72, 7.666, 100.728

Deuteranomaly
72, 7.574, 54.652

Tritanomaly
72, 1.687, 303.104

Monochromacy



Original Color
72, 7.754, 120.818

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.741, 117.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 7.754, 120.818 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(174, 178, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 178, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 7.754, 120.818 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, 164) }
```

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

```
.border{ border-color:rgb(174, 178, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 178, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 178, 164);  
box-shadow:4px 4px 4px 4px rgb(174, 178,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 7.754, 120.818 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, 164) }
```

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

```
.background{ background-color: rgb(174,  
178, 164) }
```

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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