

Converting Colors

CIELCh(72, 16.691, 120.360)

Have a look what the booklet for
CIELCh(72, 16.691, 120.360)
contains.

CIELCh(72, 16.524, 119.544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 16.524, 119.544)

Conversions

Conversions Part 1

Format	Color
Hex	ACB496
RGB	172, 180, 150
RGB Percent	67%, 71%, 59%
CMY	0.3252, 0.2938, 0.4115
CMYK	0.04, 0.00, 0.17, 0.29
HSL	76°, 17%, 65%
HSV	76°, 17%, 71%
XYZ	38.8795, 43.6590, 35.2649
YIQ	174.1880, 4.8620, -11.0260

Conversions

Conversions Part 2

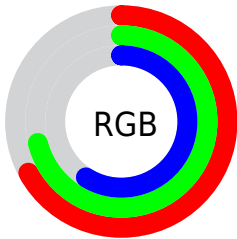
Format	Color
RYB	150, 180, 158
Decimal	11318422
CIELab	72.00, -8.15, 14.38
CIELCh	72, 16.524, 119.544
Yxy	43.6590, 0.3300, 0.3706
Android (android.graphics.Color)	4289508502 (0xFFACB496)
YUV	174.1880, -11.9247, -1.9189
Hunter-Lab	66.0750, -10.5992, 14.6088

Details

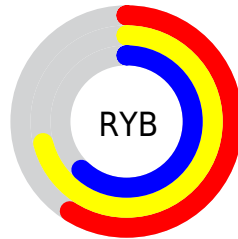
The CIELCh color **72, 16.524, 119.544** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 17.078, 301.636**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 16.724, 119.063**, and **52, 16.377, 118.583** is the 20% darker color. If you saturate the color by 10%, you get **71, 26.352, 118.934**, and if you desaturate by 10%, it is **73, 6.612, 120.157**.

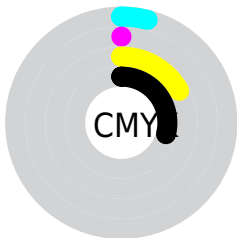
Distribution



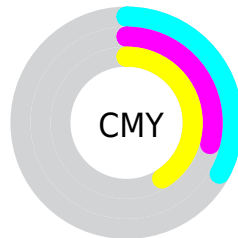
- Red (67%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)





- Cyan (33%)
- Magenta (29%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.524, 119.544 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, 16.524, 119.544 by changing the saturation by 10% instead.


 72, 16.524,
119.544


 72, 16.524,
119.544


 100, 16.524,
119.544


 62, 16.524,
119.544


 92, 16.524,
119.544

 52, 16.524,
119.544

 42, 16.524,
119.544

 32, 16.524,
119.544

 22, 16.524,
119.544

 12, 16.524,
119.544

 2, 16.524, 119.544

■ 0, 16.524, 119.544

■ 72, 16.524,
119.544

■ 72, 16.524,
119.544

■ 71, 26.352,
118.934

■ 73, 6.612, 120.157

■ 71, 35.997,
118.333

■ 74, 3.326, 300.729

■ 70, 45.322,
117.777

■ 75, 13.243,
301.295

■ 69, 54.119,
117.311

■ 75, 23.106,
301.823

■ 69, 62.089,
117.003

■ 77, 32.893,
302.316

■ 69, 68.829,
116.942

■ 77, 40.948,
303.073

■ 78, 41.210,

■ 68, 73.902,
117.232

305.231

■ 68, 77.070,
117.939

■ 78, 41.526,
307.384

■ 68, 77.944,
118.207

■ 79, 41.895,
309.524

Harmonies

Complementary

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



72, 16.524, 119.544



64, 17.078, 301.636

Rectangle

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



72, 16.524, 119.544



72, 16.524, 169.544



72, 16.524, 299.544



72, 16.524, 349.544

Sweetspot

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



72, 16.526, 119.548



92, 6.150, 120.253



67, 9.816, 46.612



49, 4.193, 120.211



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, 16.526, 119.548



91, 24.570, 119.322



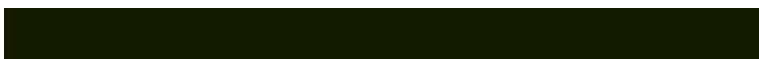
71, 18.614, 137.041



37, 5.582, 119.996



58, 69.049, 118.036



8, 13.769, 124.199

Inverse Universe

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



64, 17.078, 301.636



79, 25.584, 301.911



65, 18.792, 318.511



35, 5.689, 301.122



19, 89.021, 308.044



1, 13.475, 298.223

Previews

White Background



This preview shows how the CIELCh color 72, 16.524, 119.544 looks on a white background.

Color Contrast Check

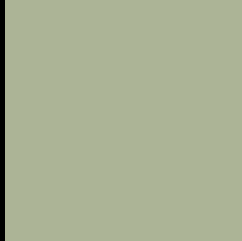
Large Text (above 18pt) WCAG AA × Fail

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, 16.524, 119.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

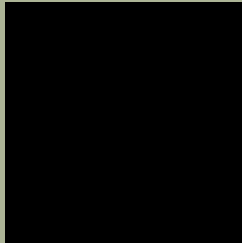
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

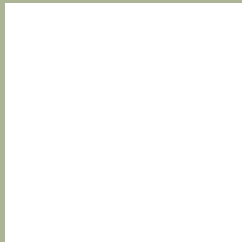
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 16.524, 119.544

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.524, 119.544.

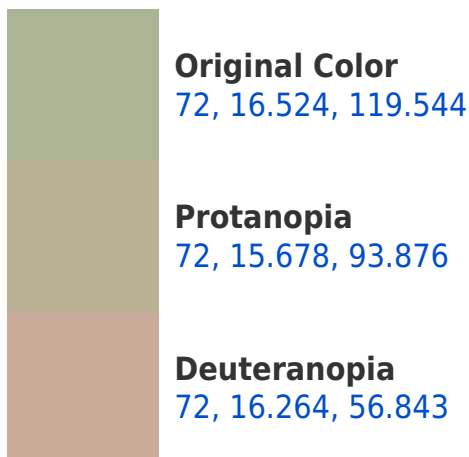


This preview shows how white text looks on a background with the CIELCh color 72, 16.524, 119.544.

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





Tritanopia
72, 7.725, 299.043

Trichromacy



Original Color
72, 16.524, 119.544

Protanomaly
72, 15.229, 102.676

Deuteranomaly
72, 14.227, 80.388

Tritanomaly
72, 1.146, 129.115

Monochromacy



Original Color
72, 16.524, 119.544

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.093, 120.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.524, 119.544 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(172, 180, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 180, 150)  
}
```

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(172, 180, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 180, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.524, 119.544 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(172, 180, 150) }
```

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

```
.border{ border-color:rgb(172, 180, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 180, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 180, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 180, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 180,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.524, 119.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 180, 150) }
```

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

```
.background{ background-color: rgb(172,  
180, 150) }
```

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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