

Converting Colors

CIELCh(72, 12.195, 118.751)

Have a look what the booklet for
CIELCh(72, 12.195, 118.751)
contains.

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Color

CIELCh(72, 12.075, 118.258)

Conversions

Conversions Part 1

Format	Color
Hex	AEB39D
RGB	174, 179, 157
RGB Percent	68%, 70%, 62%
CMY	0.3177, 0.2981, 0.3844
CMYK	0.03, 0.00, 0.12, 0.30
HSL	74°, 13%, 66%
HSV	74°, 12%, 70%
XYZ	39.6485, 43.6590, 38.2245
YIQ	174.9970, 4.0820, -7.9020

Conversions

Conversions Part 2

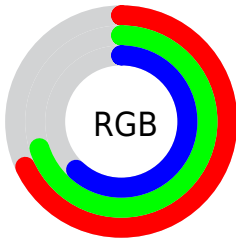
Format	Color
RYB	157, 179, 162
Decimal	11449245
CIELab	72.00, -5.72, 10.64
CIELCh	72, 12.075, 118.258
Yxy	43.6590, 0.3262, 0.3592
Android (android.graphics.Color)	4289639325 (0xFFAEB39D)
YUV	174.9970, -8.8725, -0.8744
Hunter-Lab	66.0750, -8.5218, 11.9531

Details

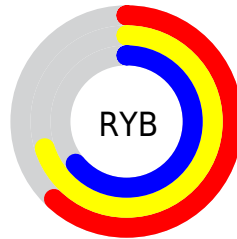
The CIELCh color **72, 12.075, 118.258** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 12.387, 299.884**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.986, 118.019**, and **52, 11.661, 116.959** is the 20% darker color. If you saturate the color by 10%, you get **71, 21.843, 117.610**, and if you desaturate by 10%, it is **73, 2.248, 118.911**.

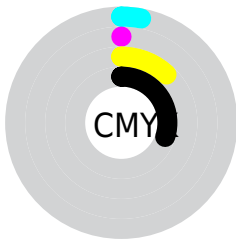
Distribution



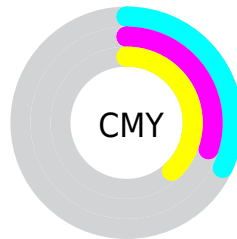
- Red (68%)
- Green (70%)
- Blue (62%)



- Red (62%)
- Yellow (70%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)





- Cyan (32%)
- Magenta (30%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 12.075, 118.258 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, 12.075, 118.258 by changing the saturation by 10% instead.


 72, 12.075,
118.258


 72, 12.075,
118.258


 100, 12.075,
118.258


 62, 12.075,
118.258


 92, 12.075,
118.258

 52, 12.075,
118.258

 42, 12.075,
118.258

 32, 12.075,
118.258

 22, 12.075,
118.258

 12, 12.075,
118.258

 2, 12.075, 118.258

■ 0, 12.075, 118.258

■ 72, 12.075,
118.258

■ 72, 12.075,
118.258

■ 71, 21.843,
117.610

■ 73, 2.248, 118.911

■ 71, 31.469,
116.961

■ 74, 7.591, 299.517

■ 70, 40.838,
116.341

■ 74, 17.400,
300.106

■ 70, 49.777,
115.789

■ 75, 27.154,
300.661

■ 69, 58.030,
115.358

■ 76, 36.831,
301.180

■ 69, 65.237,
115.124

■ 77, 41.504,
302.355

■ 77, 41.705,

■ 68, 70.960,
115.180

304.153

■ 68, 74.816,
115.616

■ 78, 41.943,
305.950

■ 68, 76.760,
116.159

■ 78, 42.218,
307.742

Harmonies

Complementary

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



72, 12.075, 118.258



66, 12.387, 299.884

Rectangle

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



72, 12.075, 118.258



72, 12.075, 168.258



72, 12.075, 298.258



72, 12.075, 348.258

Sweetspot

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



72, 12.077, 118.263



92, 4.851, 118.795



68, 7.233, 41.049



49, 3.476, 118.746



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, 12.077, 118.263



91, 18.190, 118.070



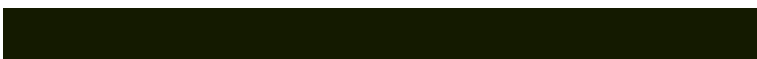
71, 13.442, 135.736



37, 5.553, 118.456



59, 68.328, 116.011



8, 13.664, 122.425

Inverse Universe

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



66, 12.387, 299.884



81, 18.768, 300.109



67, 13.566, 316.759



35, 5.664, 299.667



19, 89.550, 307.616



1, 13.435, 297.050

Previews

White Background



This preview shows how the CIELCh color 72, 12.075, 118.258 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, 12.075, 118.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

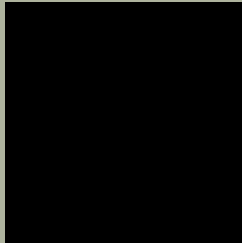
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

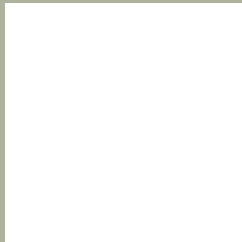
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 12.075, 118.258

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.075, 118.258.



This preview shows how white text looks on a background with the CIELCh color 72, 12.075, 118.258.

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, 12.075, 118.258

Protanopia

72, 11.801, 93.544

Deuteranopia

72, 13.354, 46.647



Tritanopia
72, 7.878, 304.316

Trichromacy



Original Color
72, 12.075, 118.258

Protanomaly
72, 11.429, 103.144

Deuteranomaly
72, 10.816, 68.332

Tritanomaly
72, 0.672, 324.122

Monochromacy



Original Color
72, 12.075, 118.258

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 4.361, 114.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.075, 118.258 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, 179, 157)` looks like.

```
.text, #text, p{  
    color:rgb(174, 179, 157)  
}
```

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, 179, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 179, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.075, 118.258 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, 179, 157) }
```

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

```
.border{ border-color:rgb(174, 179, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 179, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 179, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 179, 157);  
box-shadow:4px 4px 4px 4px rgb(174, 179,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.075, 118.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 179, 157) }
```

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

```
.background{ background-color: rgb(174,  
179, 157) }
```

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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