

Converting Colors

CIELCh(72, 11.656, 336.367)

Have a look what the booklet for
CIELCh(72, 11.656, 336.367)
contains.

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Color

CIELCh(72, 11.882, 337.112)

Conversions

Conversions Part 1

Format	Color
Hex	C1AAB9
RGB	193, 170, 185
RGB Percent	76%, 67%, 73%
CMY	0.2426, 0.3328, 0.2740
CMYK	0.00, 0.12, 0.04, 0.24
HSL	321°, 16%, 71%
HSV	321°, 12%, 76%
XYZ	45.1939, 43.6590, 52.0146
YIQ	178.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

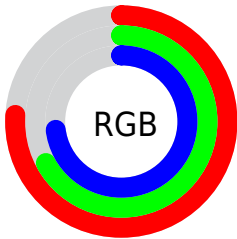
Format	Color
R_{YB}	193, 170, 185
Decimal	12692153
CIE Lab	72.00, 10.95, -4.62
CIE LCh	72, 11.882, 337.112
Yxy	43.6590, 0.3208, 0.3099
Android (android.graphics.Color)	4290882233 (0xFFC1AAB9)
YUV	178.5870, 3.1616, 12.6402
Hunter-Lab	66.0750, 6.4591, -0.4210

Details

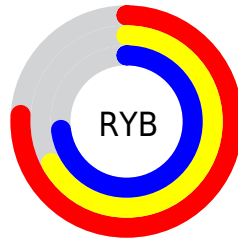
The CIELCh color $72, 11.882, 337.112$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 11.793, 155.437$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.178, 337.517$, and $52, 11.667, 336.692$ is the 20% darker color. If you saturate the color by 10%, you get $67, 21.986, 337.902$, and if you desaturate by 10%, it is $77, 1.892, 336.241$.

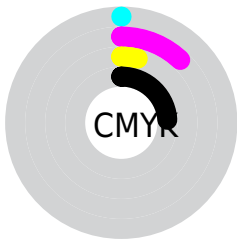
Distribution



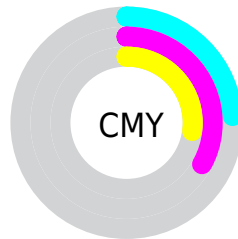
- Red (76%)
- Green (67%)
- Blue (73%)



- Red (76%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.882, 337.112 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, 11.882, 337.112 by changing the saturation by 10% instead.


 72, 11.882,
337.112


 72, 11.882,
337.112


 100, 11.882,
337.112


 62, 11.882,
337.112


 92, 11.882,
337.112

 52, 11.882,
337.112

 42, 11.882,
337.112

 32, 11.882,
337.112

 22, 11.882,
337.112

 12, 11.882,
337.112

 2, 11.882, 337.112

■ 0, 11.882, 337.112

■ 72, 11.882,
337.112

■ 72, 11.882,
337.112

■ 67, 21.986,
337.902

■ 77, 1.892, 336.241

■ 82, 7.879, 155.794

■ 62, 32.050,
338.744

■ 88, 17.381,
155.140

■ 58, 41.826,
339.663

■ 93, 26.590,
154.543

■ 54, 50.967,
340.682

■ 95, 28.652,
157.206

■ 50, 59.033,
341.838

■ 95, 26.349,
162.635

■ 47, 65.526,
343.186

■ 95, 24.292,

■ 45, 70.001,
344.802

169.006

■ 43, 72.220,
346.783

■ 96, 22.554,
176.419

■ 43, 72.738,
348.651

■ 96, 21.216,
184.888

Harmonies

Complementary

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



72, 11.882, 337.112



76, 11.793, 155.437

Rectangle

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



72, 11.882, 337.112



72, 11.882, 27.112



72, 11.882, 157.112



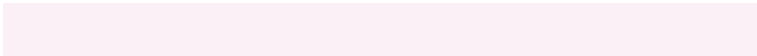
72, 11.882, 207.112

Sweetspot

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



72, 11.880, 337.114



96, 4.888, 336.488



71, 12.925, 303.718



51, 3.475, 336.555



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 11.880, 337.114



89, 17.246, 337.293



72, 9.036, 6.874



38, 5.659, 336.918



35, 63.628, 348.275



3, 17.546, 343.097

Inverse Universe

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



72, 11.880, 337.114



89, 17.246, 337.293



76, 8.583, 184.862



38, 5.659, 336.918



35, 63.628, 348.275



3, 17.546, 343.097

Previews

White Background



This preview shows how the CIELCh color 72, 11.882, 337.112 looks on a white background.

Color Contrast Check

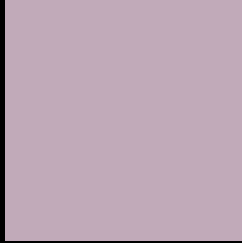
Large Text (above 18pt) WCAG AA × Fail

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, 11.882, 337.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

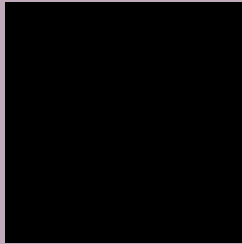
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 11.882, 337.112

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.882, 337.112.



This preview shows how white text looks on a background with the CIELCh color 72, 11.882, 337.112.

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, 11.882, 337.112

Protanopia

72, 7.103, 293.810

Deuteranopia

72, 10.440, 333.462



Tritanopia
72, 11.523, 339.093

Trichromacy



Original Color
72, 11.882, 337.112

Protanomaly
72, 8.361, 314.185

Deuteranomaly
72, 10.698, 334.967

Tritanomaly
72, 11.523, 339.093

Monochromacy



Original Color
72, 11.882, 337.112

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.064, 337.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.882, 337.112 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(193, 170, 185)` looks like.

```
.text, #text, p{  
    color:rgb(193, 170, 185)  
}
```

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(193, 170, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 170, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.882, 337.112 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(193, 170, 185) }
```

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

```
.border{ border-color:rgb(193, 170, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 170, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 170, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 170, 185);  
box-shadow:4px 4px 4px 4px rgb(193, 170,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.882, 337.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 170, 185) }
```

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

```
.background{ background-color: rgb(193,  
170, 185) }
```

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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