

Converting Colors

CIELCh(72, 11.964, 353.634)

Have a look what the booklet for
CIELCh(72, 11.964, 353.634)
contains.

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Color

CIELCh(72, 11.933, 353.444)

Conversions

Conversions Part 1

Format	Color
Hex	C5A9B3
RGB	197, 169, 179
RGB Percent	77%, 66%, 70%
CMY	0.2263, 0.3361, 0.2969
CMYK	0.00, 0.14, 0.09, 0.23
HSL	339°, 20%, 72%
HSV	339°, 14%, 77%
XYZ	45.5103, 43.6590, 48.8294
YIQ	178.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

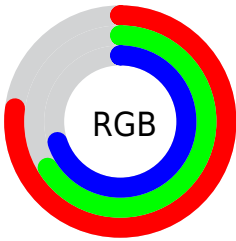
Format	Color
R _Y B	197, 169, 179
Decimal	12954035
CIE Lab	72.00, 11.85, -1.36
CIE LCh	72, 11.933, 353.444
Yxy	43.6590, 0.3298, 0.3164
Android (android.graphics.Color)	4291144115 (0xFFC5A9B3)
YUV	178.5120, 0.2406, 16.2140
Hunter-Lab	66.0750, 7.3137, 2.4372

Details

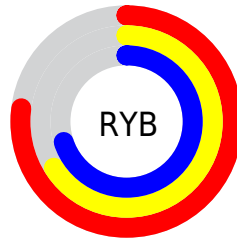
The CIELCh color $72, 11.933, 353.444$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 11.546, 170.860$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.208, 352.589$, and $52, 11.756, 354.557$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.643, 354.585$, and if you desaturate by 10%, it is $77, 3.466, 352.378$.

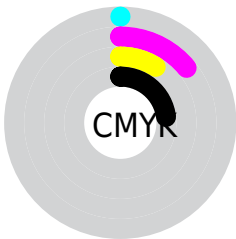
Distribution



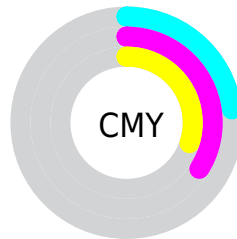
- Red (77%)
- Green (66%)
- Blue (70%)



- Red (77%)
- Yellow (66%)
- Blue (70%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (23%)





- Cyan (23%)
- Magenta (34%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.933, 353.444 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, 11.933, 353.444 by changing the saturation by 10% instead.


 72, 11.933,
353.444


 72, 11.933,
353.444


 100, 11.933,
353.444


 62, 11.933,
353.444


 92, 11.933,
353.444

 52, 11.933,
353.444

 42, 11.933,
353.444

 32, 11.933,
353.444

 22, 11.933,
353.444

 12, 11.933,
353.444

 2, 11.933, 353.444

0, 11.933, 353.444

72, 11.933,
353.444

72, 11.933,
353.444

67, 20.643,
354.585

77, 3.466, 352.378

83, 4.690, 171.739

62, 29.480,
355.898

88, 12.511,
170.902

57, 38.240,
357.454

94, 19.999,
170.186

53, 46.623,
359.345

96, 20.504,
180.178

49, 54.241, 1.695

96, 18.923,
198.255

46, 60.677, 4.661

44, 65.619, 8.420

■ 42, 69.049, 13.103

■ 42, 70.722, 16.080

Harmonies

Complementary

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



72, 11.933, 353.444



77, 11.546, 170.860

Rectangle

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



72, 11.933, 353.444



72, 11.933, 43.444



72, 11.933, 173.444



72, 11.933, 223.444

Sweetspot

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



72, 11.931, 353.449



97, 4.070, 352.361



72, 16.647, 314.171



51, 2.896, 352.453



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 11.931, 353.449



89, 17.686, 353.782



73, 9.620, 32.207



39, 4.759, 352.943



34, 61.268, 15.238



4, 16.790, 1.265

Inverse Universe

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



72, 11.931, 353.449



89, 17.686, 353.782



77, 8.763, 212.114



39, 4.759, 352.943



34, 61.268, 15.238



4, 16.790, 1.265

Previews

White Background



This preview shows how the CIELCh color 72, 11.933, 353.444 looks on a white background.

Color Contrast Check

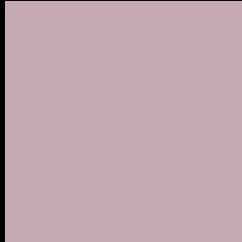
Large Text (above 18pt) WCAG AA × Fail

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, 11.933, 353.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

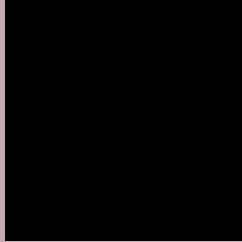
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 11.933, 353.444

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.933, 353.444.



This preview shows how white text looks on a background with the CIELCh color 72, 11.933, 353.444.

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, 11.933, 353.444

Protanopia

72, 3.897, 301.475

Deuteranopia

72, 9.401, 352.722



Tritanopia
72, 13.030, 347.816

Trichromacy



Original Color
72, 11.933, 353.444

Protanomaly
72, 6.015, 333.543

Deuteranomaly
72, 10.667, 353.109

Tritanomaly
72, 12.760, 349.891

Monochromacy



Original Color
72, 11.933, 353.444

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 4.689, 352.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.933, 353.444 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(197, 169, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 169, 179)  
}
```

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(197, 169, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 169, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.933, 353.444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

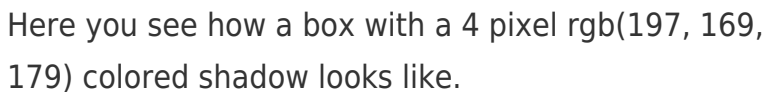
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 169, 179) }
```

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

```
.border{ border-color:rgb(197, 169, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 169, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 169, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 169, 179); box-shadow:4px 4px 4px 4px rgb(197, 169, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.933, 353.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 169, 179) }
```

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

```
.background{ background-color: rgb(197,  
169, 179) }
```

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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