

Converting Colors

CIELCh(72, 11.309, 341.136)

Have a look what the booklet for
CIELCh(72, 11.309, 341.136)
contains.

CIELCh(72, 11.181, 341.201)	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, 11.181, 341.201)

Conversions

Conversions Part 1

Format	Color
Hex	C1AAB7
RGB	193, 170, 183
RGB Percent	76%, 67%, 72%
CMY	0.2420, 0.3322, 0.2812
CMYK	0.00, 0.12, 0.05, 0.24
HSL	326°, 16%, 71%
HSV	326°, 12%, 76%
XYZ	45.0683, 43.6590, 51.0050
YIQ	178.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

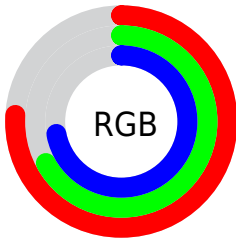
Format	Color
R _Y B	193, 170, 183
Decimal	12692151
CIE Lab	72.00, 10.58, -3.60
CIE LCh	72, 11.181, 341.201
Yxy	43.6590, 0.3225, 0.3124
Android (android.graphics.Color)	4290882231 (0xFFC1AAB7)
YUV	178.3590, 2.2880, 12.8402
Hunter-Lab	66.0750, 6.1197, 0.4850

Details

The CIELCh color $72, 11.181, 341.201$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 11.053, 159.386$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.514, 341.312$, and $52, 10.919, 341.131$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.735, 342.086$, and if you desaturate by 10%, it is $77, 1.771, 340.235$.

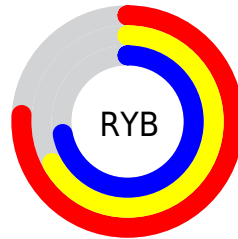
Distribution



Red (76%)

Green (67%)

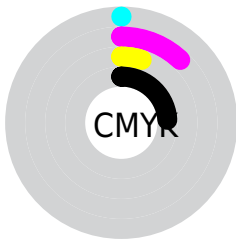
Blue (72%)



Red (76%)

Yellow (67%)

Blue (72%)

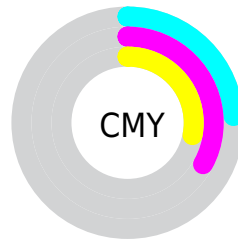


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.181, 341.201 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, 11.181, 341.201 by changing the saturation by 10% instead.


 72, 11.181,
341.201


 72, 11.181,
341.201


 100, 11.181,
341.201


 62, 11.181,
341.201


 92, 11.181,
341.201

 52, 11.181,
341.201

 42, 11.181,
341.201

 32, 11.181,
341.201

 22, 11.181,
341.201

 12, 11.181,
341.201

 2, 11.181, 341.201

0, 11.181, 341.201

72, 11.181,
341.201

72, 11.181,
341.201

67, 20.735,
342.086

77, 1.771, 340.235

82, 7.402, 159.768

62, 30.292,
343.052

88, 16.298,
159.068

58, 39.622,
344.134

93, 24.899,
158.435

53, 48.396,
345.373

95, 26.351,
162.461

50, 56.186,
346.829

96, 23.815,
170.575

47, 62.510,
348.587

96, 21.808,

■ 44, 66.932,
350.760

180.342

■ 43, 69.234,
353.486

■ 96, 20.492,
191.675

■ 42, 69.935,
356.087

■ 96, 20.127,
198.179

Harmonies

Complementary

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



72, 11.181, 341.201



76, 11.053, 159.386

Rectangle

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



72, 11.181, 341.201



72, 11.181, 31.201



72, 11.181, 161.201



72, 11.181, 211.201

Sweetspot

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



72, 11.179, 341.204



97, 4.631, 340.513



71, 13.133, 307.278



52, 3.320, 340.588



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, 11.179, 341.204



90, 16.369, 341.404



72, 8.871, 14.764



38, 5.323, 340.988



35, 61.108, 355.557



3, 16.468, 348.390

Inverse Universe

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



72, 11.179, 341.204



90, 16.369, 341.404



76, 8.306, 193.105



38, 5.323, 340.988



35, 61.108, 355.557



3, 16.468, 348.390

Previews

White Background



This preview shows how the CIELCh color 72, 11.181, 341.201 looks on a white background.

Color Contrast Check

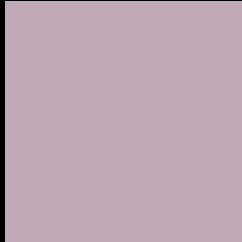
Large Text (above 18pt) WCAG AA × Fail

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, 11.181, 341.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

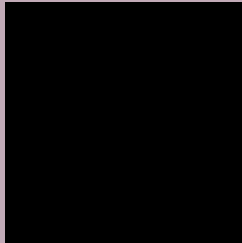
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 11.181, 341.201

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.181, 341.201.



This preview shows how white text looks on a background with the CIELCh color 72, 11.181, 341.201.

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, 11.181, 341.201

Protanopia
72, 5.466, 294.555

Deuteranopia
72, 9.966, 339.385



Tritanopia
72, 11.523, 339.093

Trichromacy



Original Color
72, 11.181, 341.201

Protanomaly
72, 6.891, 319.586

Deuteranomaly
72, 10.252, 340.809

Tritanomaly
72, 11.523, 339.093

Monochromacy



Original Color
72, 11.181, 341.201

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, 11.181, 341.201 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 170, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 170, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.181, 341.201 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, 183) }
```

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

```
.border{ border-color:rgb(193, 170, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 170,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.181, 341.201 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, 183) }
```

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

```
.background{ background-color: rgb(193,  
170, 183) }
```

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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