

Converting Colors

CIELCh(70, 11.088, 304.960)

Have a look what the booklet for
CIELCh(70, 11.088, 304.960)
contains.

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Color

CIELCh(70, 11.299, 304.241)

Conversions

Conversions Part 1

Format	Color
Hex	AFA8BC
RGB	175, 168, 188
RGB Percent	69%, 66%, 74%
CMY	0.3137, 0.3412, 0.2627
CMYK	0.07, 0.11, 0.00, 0.26
HSL	261°, 13%, 70%
HSV	261°, 11%, 74%
XYZ	40.7583, 40.7494, 53.2936
YIQ	172.3730, -2.2480, 7.7040

Conversions

Conversions Part 2

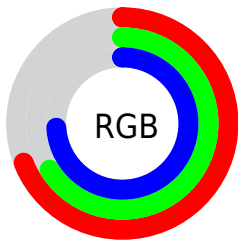
Format	Color
R_{YB}	175, 168, 188
Decimal	11511996
CIE Lab	70.00, 6.36, -9.34
CIE LCh	70, 11.299, 304.241
Yxy	40.7494, 0.3024, 0.3023
Android (android.graphics.Color)	4289702076 (0xFFAFA8BC)
YUV	172.3730, 7.7041, 2.3039
Hunter-Lab	63.8353, 2.2591, -4.8142

Details

The CIELCh color $70, 11.299, 304.241$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 11.080, 123.113$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 11.318, 305.247$, and $50, 11.497, 305.081$ is the 20% darker color. If you saturate the color by 10%, you get $64, 22.284, 304.859$, and if you desaturate by 10%, it is $76, 0.673, 303.602$.

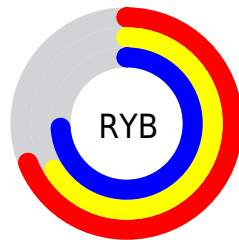
Distribution



Red (69%)

Green (66%)

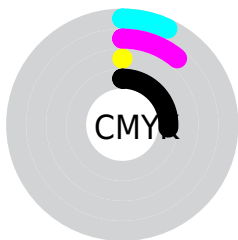
Blue (74%)



Red (69%)

Yellow (66%)

Blue (74%)

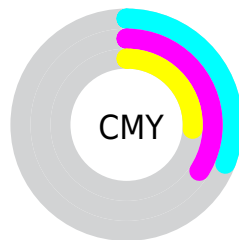


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (31%)


Magenta (34%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 11.299, 304.241 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 70, 11.299, 304.241 by changing the saturation by 10% instead.


 70, 11.299,
304.241


 70, 11.299,
304.241


 100, 11.299,
304.241


 60, 11.299,
304.241


 90, 11.299,
304.241

 50, 11.299,
304.241

 40, 11.299,
304.241

 30, 11.299,
304.241

 20, 11.299,
304.241

 10, 11.299,
304.241

 0, 11.299, 304.241

70, 11.299,
304.241

70, 11.299,
304.241

64, 22.284,
304.859

76, 0.673, 303.602

58, 33.618,
305.548

82, 9.591, 123.222

52, 45.246,
306.298

88, 19.508,
122.800

47, 57.045,
307.087

93, 29.095,
122.436

41, 68.766,
307.872

97, 34.529,
119.538

36, 79.952,
308.574

98, 33.814,
111.923

32, 89.860,
309.073

99, 33.700,
107.612

28, 97.493,

309.211

■ 26, 102.357,
309.022

Harmonies

Complementary

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



70, 11.299, 304.241



75, 11.080, 123.113

Rectangle

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



70, 11.299, 304.241



70, 11.299, 354.241



70, 11.299, 124.241



70, 11.299, 174.241

Sweetspot

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



70, 11.297, 304.238



94, 3.905, 303.802



73, 5.949, 236.723



50, 2.961, 303.849



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 11.297, 304.238



87, 17.182, 304.392



71, 12.593, 320.261



37, 6.025, 304.163



21, 89.902, 309.153



1, 17.740, 300.297

Inverse Universe

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



71, 10.355, 337.104



88, 15.714, 337.303



75, 12.530, 139.307



37, 5.528, 337.005



35, 62.829, 348.399



3, 15.435, 342.709

Previews

White Background



This preview shows how the CIELCh color 70, 11.299, 304.241 looks on a white background.

Color Contrast Check

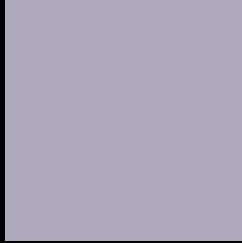
Large Text (above 18pt) WCAG AA × Fail

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 70, 11.299, 304.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

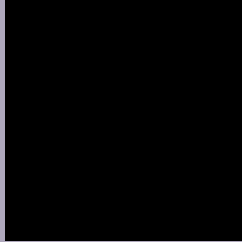
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 11.299, 304.241

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.299, 304.241.



This preview shows how white text looks on a background with the CIELCh color 70, 11.299, 304.241.

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


70, 11.299, 304.241

Protanopia

70, 10.411, 289.241

Deuteranopia

70, 13.168, 314.158



Tritanopia
70, 7.388, 305.291

Trichromacy



Original Color
70, 11.299, 304.241

Protanomaly
70, 11.004, 295.020

Deuteranomaly
70, 12.249, 310.375

Tritanomaly
70, 8.453, 303.491

Monochromacy



Original Color
70, 11.299, 304.241

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.918, 301.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.299, 304.241 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(175, 168, 188)` looks like.

```
.text, #text, p{  
    color:rgb(175, 168, 188)  
}
```

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(175, 168, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 168, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.299, 304.241 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(175, 168, 188) }
```

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

```
.border{ border-color:rgb(175, 168, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 168, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 168, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 168, 188);  
box-shadow:4px 4px 4px 4px rgb(175, 168,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.299, 304.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 168, 188) }
```

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

```
.background{ background-color: rgb(175,  
168, 188) }
```

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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