

Converting Colors

CIELCh(70, 11.004, 295.950)

Have a look what the booklet for
CIELCh(70, 11.004, 295.950)
contains.

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Color

CIELCh(70, 11.004, 295.020)

Conversions

Conversions Part 1

Format	Color
Hex	ABA9BD
RGB	171, 169, 189
RGB Percent	67%, 66%, 74%
CMY	0.3291, 0.3369, 0.2585
CMYK	0.10, 0.11, 0.00, 0.26
HSL	246°, 13%, 70%
HSV	246°, 11%, 74%
XYZ	40.2083, 40.7494, 53.9360
YIQ	171.8780, -5.2280, 6.6440

Conversions

Conversions Part 2

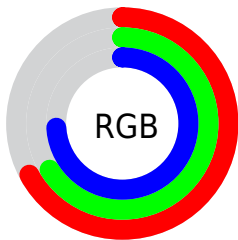
Format	Color
R_{YB}	171, 169, 189
Decimal	11250109
CIE _{Lab}	70.00, 4.65, -9.97
CIE _{LCh}	70, 11.004, 295.020
Yxy	40.7494, 0.2981, 0.3021
Android (android.graphics.Color)	4289440189 (0xFFABA9BD)
YUV	171.8780, 8.4411, -0.7700
Hunter-Lab	63.8353, 0.7211, -5.4109

Details

The CIELCh color $70, 11.004, 295.020$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 10.742, 113.254$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 10.963, 294.668$, and $50, 11.174, 295.502$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.830, 296.023$, and if you desaturate by 10%, it is $76, 0.597, 294.192$.

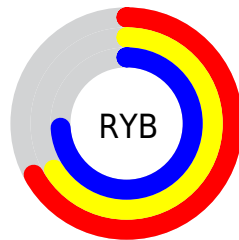
Distribution



Red (67%)

Green (66%)

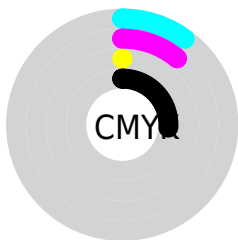
Blue (74%)



Red (67%)

Yellow (66%)

Blue (74%)

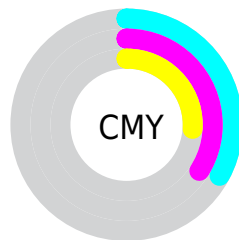


Cyan (10%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (33%)

Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 11.004, 295.020 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, 11.004, 295.020 by changing the saturation by 10% instead.

■ 70, 11.004,
295.020

■ 70, 11.004,
295.020

■ 100, 11.004,
295.020

■ 60, 11.004,
295.020

■ 90, 11.004,
295.020

■ 50, 11.004,
295.020

■ 40, 11.004,
295.020

■ 30, 11.004,
295.020

■ 20, 11.004,
295.020

■ 10, 11.004,
295.020

■ 0, 11.004, 295.020

70, 11.004,
295.020

70, 11.004,
295.020

64, 21.830,
296.023

76, 0.597, 294.192

57, 33.104,
297.194

83, 9.412, 113.408

51, 44.828,
298.541

89, 19.054,
112.777

45, 56.959,
300.060

95, 28.354,
112.235

39, 69.327,
301.712

99, 33.165,
107.653

33, 81.504,
303.396

29, 92.598,
304.921

25, 101.172,

306.016

■ 23, 106.312,
306.610

Harmonies

Complementary

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



70, 11.004, 295.020



76, 10.742, 113.254

Rectangle

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



70, 11.004, 295.020



70, 11.004, 345.020



70, 11.004, 115.020



70, 11.004, 165.020

Sweetspot

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



70, 11.002, 295.016



94, 3.800, 294.359



75, 6.641, 206.782



50, 2.883, 294.425



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, 11.002, 295.016



86, 16.764, 295.266



71, 11.796, 312.358



36, 5.872, 294.903



18, 93.045, 306.666



1, 17.474, 293.423

Inverse Universe

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



71, 12.348, 327.853



89, 18.744, 328.010



75, 11.652, 131.491



37, 6.600, 327.780



36, 74.824, 332.599



3, 19.473, 329.272

Previews

White Background



This preview shows how the CIELCh color 70, 11.004, 295.020 looks on a white background.

Color Contrast Check

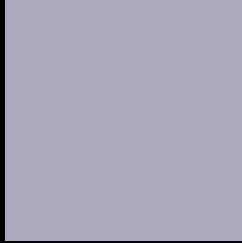
Large Text (above 18pt) WCAG AA × Fail

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, 11.004, 295.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

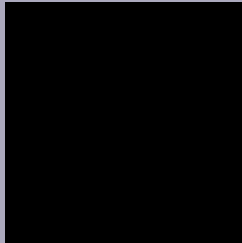
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

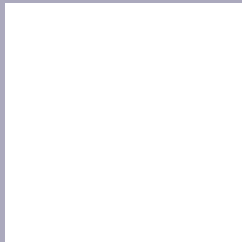
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 11.004, 295.020

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.004, 295.020.



This preview shows how white text looks on a background with the CIELCh color 70, 11.004, 295.020.

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, 11.004, 295.020

Protanopia

70, 10.958, 289.397

Deuteranopia

70, 14.051, 311.050



Tritanopia
70, 7.126, 290.895

Trichromacy



Original Color
70, 11.004, 295.020

Protanomaly
70, 10.958, 291.268

Deuteranomaly
70, 13.083, 305.803

Tritanomaly
70, 8.221, 291.002

Monochromacy



Original Color
70, 11.004, 295.020

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.860, 296.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.004, 295.020 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(171, 169, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 169, 189)  
}
```

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(171, 169, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 169, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.004, 295.020 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(171, 169, 189) }
```

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

```
.border{ border-color:rgb(171, 169, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 169, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 169, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 169, 189);  
box-shadow:4px 4px 4px 4px rgb(171, 169,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.004, 295.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 169, 189) }
```

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

```
.background{ background-color: rgb(171,  
169, 189) }
```

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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