

Converting Colors

CIELCh(70, 12.115, 314.427)

Have a look what the booklet for
CIELCh(70, 12.115, 314.427)
contains.

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Color

CIELCh(70, 12.009, 314.558)

Conversions

Conversions Part 1

Format	Color
Hex	B4A7BB
RGB	180, 167, 187
RGB Percent	71%, 65%, 73%
CMY	0.2955, 0.3464, 0.2680
CMYK	0.04, 0.11, 0.00, 0.27
HSL	279°, 13%, 69%
HSV	279°, 11%, 73%
XYZ	41.4327, 40.7494, 52.5026
YIQ	173.1670, 1.3280, 8.9760

Conversions

Conversions Part 2

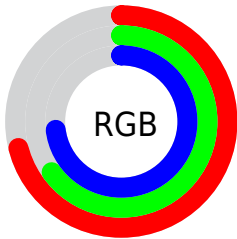
Format	Color
RYB	180, 167, 187
Decimal	11839419
CIELab	70.00, 8.43, -8.56
CIELCh	70, 12.009, 314.558
Yxy	40.7494, 0.3076, 0.3026
Android (android.graphics.Color)	4290029499 (0xFFB4A7BB)
YUV	173.1670, 6.8197, 5.9925
Hunter-Lab	63.8353, 4.1449, -4.0795

Details

The CIELCh color $70, 12.009, 314.558$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 11.884, 133.690$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 12.029, 315.014$, and $50, 12.117, 314.094$ is the 20% darker color. If you saturate the color by 10%, you get $65, 23.464, 314.996$, and if you desaturate by 10%, it is $75, 0.794, 313.959$.

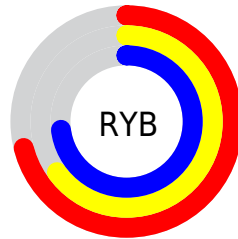
Distribution



Red (71%)

Green (65%)

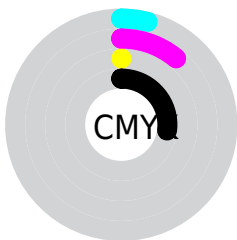
Blue (73%)



Red (71%)

Yellow (65%)

Blue (73%)

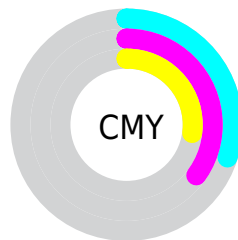


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (30%)


Magenta (35%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.009, 314.558 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, 12.009, 314.558 by changing the saturation by 10% instead.


 70, 12.009,
314.558


 70, 12.009,
314.558


 100, 12.009,
314.558


 60, 12.009,
314.558


 90, 12.009,
314.558

 50, 12.009,
314.558

 40, 12.009,
314.558

 30, 12.009,
314.558

 20, 12.009,
314.558

 10, 12.009,
314.558

 0, 12.009, 314.558

70, 12.009,
314.558

70, 12.009,
314.558

65, 23.464,
314.996

75, 0.794, 313.959

59, 35.079,
315.441

81, 10.130,
133.788

54, 46.704,
315.873

86, 20.745,
133.427

50, 58.100,
316.265

92, 31.047,
133.104

45, 68.903,
316.574

96, 38.116,
132.062

41, 78.610,
316.742

96, 37.135,
128.831

38, 86.601,
316.697

96, 36.277,
125.379

35, 92.282,

97, 35.559,
121.720

316.366

97, 34.997,
117.875

33, 95.641,
315.825

Harmonies

Complementary

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



70, 12.009, 314.558



74, 11.884, 133.690

Rectangle

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



70, 12.009, 314.558



70, 12.009, 4.558



70, 12.009, 134.558



70, 12.009, 184.558

Sweetspot

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



70, 12.007, 314.557



94, 4.125, 314.205



71, 7.351, 269.820



50, 3.154, 314.248



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, 12.007, 314.557



87, 18.063, 314.666



71, 12.088, 328.911



37, 6.401, 314.498



28, 84.515, 315.954



2, 18.658, 310.535

Inverse Universe

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



70, 8.521, 353.535



87, 12.838, 353.799



74, 12.060, 147.662



37, 4.538, 353.394



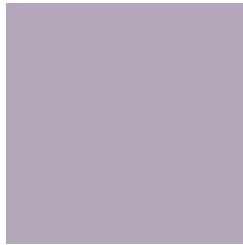
33, 59.949, 15.742



3, 13.047, 0.050

Previews

White Background



This preview shows how the CIELCh color 70, 12.009, 314.558 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, 12.009, 314.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

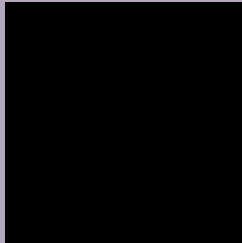
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 12.009, 314.558

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.009, 314.558.



This preview shows how white text looks on a background with the CIELCh color 70, 12.009, 314.558.

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, 12.009, 314.558

Protanopia

70, 10.411, 289.241

Deuteranopia

70, 12.822, 316.639



Tritanopia
70, 8.252, 320.473

Trichromacy



Original Color
70, 12.009, 314.558

Protanomaly
70, 10.541, 299.101

Deuteranomaly
70, 12.822, 316.639

Tritanomaly
70, 9.214, 317.102

Monochromacy



Original Color
70, 12.009, 314.558

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 4.132, 311.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.009, 314.558 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(180, 167, 187)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 187)  
}
```

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(180, 167, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.009, 314.558 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(180, 167, 187) }
```

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

```
.border{ border-color:rgb(180, 167, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 167, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 167, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 167, 187); box-shadow:4px 4px 4px 4px rgb(180, 167, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.009, 314.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 187) }
```

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

```
.background{ background-color: rgb(180,  
167, 187) }
```

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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