

Converting Colors

CIELCh(70, 11.698, 356.811)

Have a look what the booklet for
CIELCh(70, 11.698, 356.811)
contains.

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Color

CIELCh(70, 11.778, 355.871)

Conversions

Conversions Part 1

Format	Color
Hex	C0A4AD
RGB	192, 164, 173
RGB Percent	75%, 64%, 68%
CMY	0.2472, 0.3570, 0.3218
CMYK	0.00, 0.15, 0.10, 0.25
HSL	341°, 18%, 70%
HSV	341°, 15%, 75%
XYZ	42.5313, 40.7494, 45.1348
YIQ	173.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

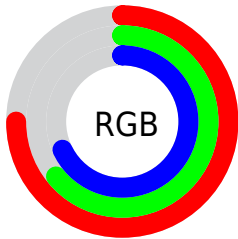
Format	Color
RYB	192, 164, 173
Decimal	12625069
CIELab	70.00, 11.75, -0.85
CIELCh	70, 11.778, 355.871
Yxy	40.7494, 0.3312, 0.3173
Android (android.graphics.Color)	4290815149 (0xFFC0A4AD)
YUV	173.3980, -0.1962, 16.3140
Hunter-Lab	63.8353, 7.2168, 2.7636

Details

The CIELCh color $70, 11.778, 355.871$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 11.332, 173.182$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 11.838, 357.091$, and $50, 11.843, 354.623$ is the 20% darker color. If you saturate the color by 10%, you get $65, 20.185, 357.045$, and if you desaturate by 10%, it is $75, 3.633, 354.791$.

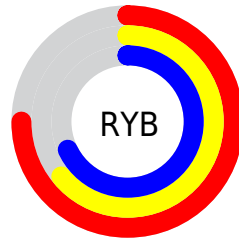
Distribution



Red (75%)

Green (64%)

Blue (68%)



Red (75%)

Yellow (64%)

Blue (68%)

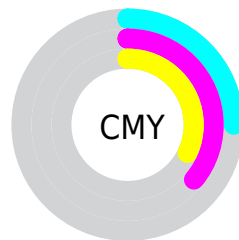


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 11.778, 355.871 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, 11.778, 355.871 by changing the saturation by 10% instead.


 70, 11.778,
355.871


 70, 11.778,
355.871


 100, 11.778,
355.871


 60, 11.778,
355.871


 90, 11.778,
355.871

 50, 11.778,
355.871

 40, 11.778,
355.871

 30, 11.778,
355.871

 20, 11.778,
355.871

 10, 11.778,
355.871

 0, 11.778, 355.871

70, 11.778,
355.871

70, 11.778,
355.871

65, 20.185,
357.045

75, 3.633, 354.791

60, 28.748,
358.405

81, 4.189, 174.146

55, 37.275, 0.030

86, 11.670,
173.293

51, 45.486, 2.019

91, 18.815,
172.573

48, 53.016, 4.501

96, 23.078,
175.810

45, 59.474, 7.640

96, 20.829,
192.600

42, 64.585, 11.606

41, 68.356, 16.495

96, 20.523,
198.154

40, 70.196, 19.325

Harmonies

Complementary

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



70, 11.778, 355.871



75, 11.332, 173.182

Rectangle

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



70, 11.778, 355.871



70, 11.778, 45.871



70, 11.778, 175.871



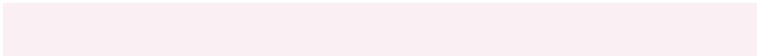
70, 11.778, 225.871

Sweetspot

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



70, 11.776, 355.876



96, 3.923, 354.726



70, 16.867, 315.268



51, 2.791, 354.819



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 11.776, 355.876



87, 18.124, 356.291



71, 9.450, 35.621



38, 4.568, 355.317



34, 61.297, 18.499



3, 14.700, 2.399

Inverse Universe

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



70, 11.776, 355.876



87, 18.124, 356.291



74, 8.595, 215.975



38, 4.568, 355.317



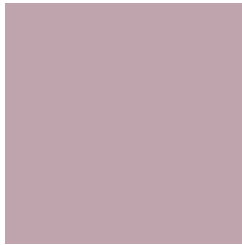
34, 61.297, 18.499



3, 14.700, 2.399

Previews

White Background



This preview shows how the CIELCh color 70, 11.778, 355.871 looks on a white background.

Color Contrast Check

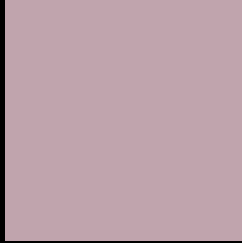
Large Text (above 18pt) WCAG AA × Fail

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 70, 11.778, 355.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

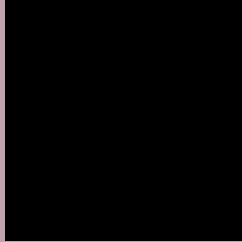
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 11.778, 355.871

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.778, 355.871.



This preview shows how white text looks on a background with the CIELCh color 70, 11.778, 355.871.

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, 11.778, 355.871

Protanopia

70, 4.013, 306.698

Deuteranopia

70, 8.876, 354.702



Tritanopia
70, 13.112, 347.859

Trichromacy



Original Color
70, 11.778, 355.871

Protanomaly
70, 6.318, 336.076

Deuteranomaly
70, 10.151, 354.860

Tritanomaly
70, 12.841, 349.935

Monochromacy



Original Color
70, 11.778, 355.871

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.138, 356.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.778, 355.871 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(192, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(192, 164, 173)  
}
```

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(192, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 164, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.778, 355.871 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(192, 164, 173) }
```

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

```
.border{ border-color:rgb(192, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 164, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 164, 173);  
box-shadow:4px 4px 4px 4px rgb(192, 164,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.778, 355.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 164, 173) }
```

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

```
.background{ background-color: rgb(192,  
164, 173) }
```

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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