

Converting Colors

CIELCh(70, 17.048, 338.269)

Have a look what the booklet for
CIELCh(70, 17.048, 338.269)
contains.

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Color

CIELCh(70, 16.887, 338.216)

Conversions

Conversions Part 1

Format	Color
Hex	C3A2B7
RGB	195, 162, 183
RGB Percent	76%, 64%, 72%
CMY	0.2361, 0.3655, 0.2832
CMYK	0.00, 0.17, 0.06, 0.24
HSL	322°, 22%, 70%
HSV	322°, 17%, 76%
XYZ	43.8572, 40.7494, 50.2361
YIQ	174.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

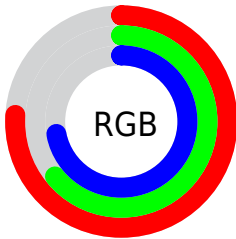
Format	Color
R_{YB}	195, 162, 183
Decimal	12821175
CIE Lab	70.00, 15.68, -6.27
CIE LCh	70, 16.887, 338.216
Yxy	40.7494, 0.3252, 0.3022
Android (android.graphics.Color)	4291011255 (0xFFC3A2B7)
YUV	174.2610, 4.3083, 18.1881
Hunter-Lab	63.8353, 10.9245, -1.9745

Details

The CIELCh color $70, 16.887, 338.216$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 16.708, 155.689$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 16.942, 338.346$, and $50, 16.985, 338.180$ is the 20% darker color. If you saturate the color by 10%, you get $65, 26.962, 339.049$, and if you desaturate by 10%, it is $75, 6.860, 337.426$.

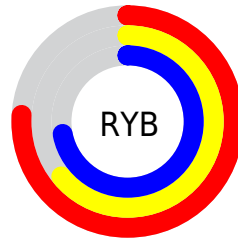
Distribution



Red (76%)

Green (64%)

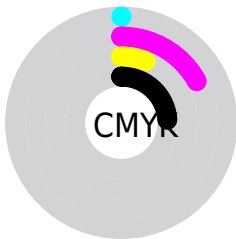
Blue (72%)



Red (76%)

Yellow (64%)

Blue (72%)

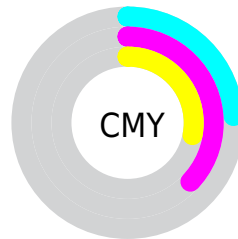


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 16.887, 338.216 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, 16.887, 338.216 by changing the saturation by 10% instead.


 70, 16.887,
338.216


 70, 16.887,
338.216


 100, 16.887,
338.216


 60, 16.887,
338.216


 90, 16.887,
338.216

 50, 16.887,
338.216

 40, 16.887,
338.216

 30, 16.887,
338.216

 20, 16.887,
338.216

 10, 16.887,
338.216

 0, 16.887, 338.216

70, 16.887,
338.216

70, 16.887,
338.216

65, 26.962,
339.049

75, 6.860, 337.426

60, 36.892,
339.952

80, 2.985, 156.888

56, 46.381,
340.951

86, 12.580,
156.138

52, 55.031,
342.079

91, 21.888,
155.509

49, 62.362,
343.385

95, 28.429,
156.152

46, 67.884,
344.942

95, 25.965,
161.864


44, 71.232,
346.843


96, 23.774,
168.657

43, 72.394,

96, 21.943,
176.664

349.184

 96, 20.573,
185.894

 43, 72.573,
349.950

Harmonies

Complementary

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



70, 16.887, 338.216



76, 16.708, 155.689

Rectangle

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



70, 16.887, 338.216



70, 16.887, 28.216



70, 16.887, 158.216



70, 16.887, 208.216

Sweetspot

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



70, 16.885, 338.218



96, 6.095, 337.272



68, 18.709, 304.627



51, 4.195, 337.333



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 16.885, 338.218



86, 24.660, 338.492



70, 13.071, 8.713



38, 5.596, 337.619



35, 63.087, 349.531



3, 17.330, 344.052

Inverse Universe

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



70, 16.885, 338.218



86, 24.660, 338.492



76, 12.094, 185.745



38, 5.596, 337.619



35, 63.087, 349.531



3, 17.330, 344.052

Previews

White Background



This preview shows how the CIELCh color 70, 16.887, 338.216 looks on a white background.

Color Contrast Check

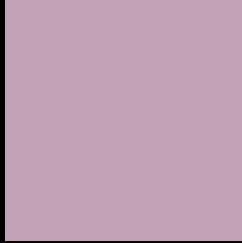
Large Text (above 18pt) WCAG AA × Fail

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, 16.887, 338.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

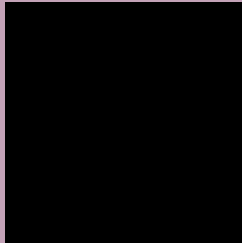
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 16.887, 338.216

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.887, 338.216.



This preview shows how white text looks on a background with the CIELCh color 70, 16.887, 338.216.

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, 16.887, 338.216

Protanopia

70, 9.864, 289.073

Deuteranopia

70, 10.856, 326.553



Tritanopia
70, 13.762, 349.685

Trichromacy



Original Color
70, 16.887, 338.216

Protanomaly
70, 11.224, 312.194

Deuteranomaly
70, 13.115, 331.894

Tritanomaly
70, 14.320, 345.894

Monochromacy



Original Color
70, 16.887, 338.216

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.941, 339.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.887, 338.216 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(195, 162, 183)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 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(195, 162, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.887, 338.216 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(195, 162, 183) }
```

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

```
.border{ border-color:rgb(195, 162, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 162, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 162, 183);  
box-shadow:4px 4px 4px 4px rgb(195, 162,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.887, 338.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 183) }
```

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

```
.background{ background-color: rgb(195,  
162, 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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