

Converting Colors

CIELCh(70, 21.461, 330.510)

Have a look what the booklet for
CIELCh(70, 21.461, 330.510)
contains.

CIELCh(70, 21.786, 330.369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 21.786, 330.369)

Conversions

Conversions Part 1

Format	Color
Hex	C5A0BF
RGB	197, 160, 191
RGB Percent	77%, 63%, 75%
CMY	0.2276, 0.3727, 0.2512
CMYK	0.00, 0.19, 0.03, 0.23
HSL	310°, 24%, 70%
HSV	310°, 19%, 77%
XYZ	44.9753, 40.7494, 54.7580
YIQ	174.5970, 12.1010, 17.4850

Conversions

Conversions Part 2

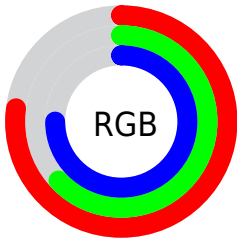
Format	Color
R_{YB}	197, 160, 191
Decimal	12951743
CIE _{Lab}	70.00, 18.94, -10.77
CIE _{LCh}	70, 21.786, 330.369
Yxy	40.7494, 0.3201, 0.2901
Android (android.graphics.Color)	4291141823 (0xFFC5A0BF)
YUV	174.5970, 8.0867, 19.6474
Hunter-Lab	63.8353, 14.0510, -6.1744

Details

The CIELCh color $70, 21.786, 330.369$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 21.721, 147.981$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 21.602, 330.762$, and $50, 22.177, 330.036$ is the 20% darker color. If you saturate the color by 10%, you get $65, 33.389, 331.005$, and if you desaturate by 10%, it is $75, 10.136, 329.739$.

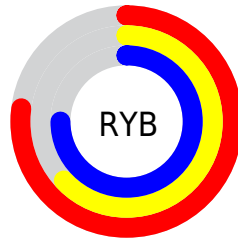
Distribution



Red (77%)

Green (63%)

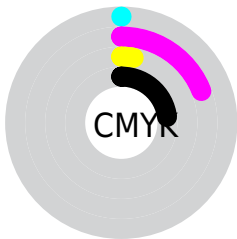
Blue (75%)



Red (77%)

Yellow (63%)

Blue (75%)

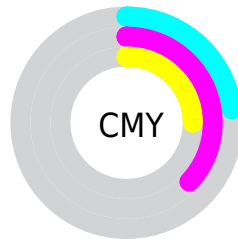


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (23%)



Cyan (23%)


Magenta (37%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 21.786, 330.369 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, 21.786, 330.369 by changing the saturation by 10% instead.


 70, 21.786,
330.369


 70, 21.786,
330.369


 100, 21.786,
330.369


 60, 21.786,
330.369


 90, 21.786,
330.369

 50, 21.786,
330.369

 40, 21.786,
330.369

 30, 21.786,
330.369

 20, 21.786,
330.369

 10, 21.786,
330.369

 0, 21.786, 330.369

70, 21.786,
330.369

70, 21.786,
330.369

65, 33.389,
331.005

75, 10.136,
329.739

61, 44.699,
331.649

80, 1.383, 149.386

57, 55.362,
332.301

85, 12.667,
148.623

53, 64.933,
332.961

91, 23.657,
148.065

50, 72.906,
333.633

95, 32.262,
147.941

48, 78.809,
334.329

95, 30.986,
149.807


46, 82.336,
335.072


95, 29.738,
151.823

45, 83.671,

95, 28.523,
154.004

335.881

 95, 27.346,
156.367

 45, 83.785,
335.981

Harmonies

Complementary

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



70, 21.786, 330.369



76, 21.721, 147.981

Rectangle

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



70, 21.786, 330.369



70, 21.786, 20.369



70, 21.786, 150.369



70, 21.786, 200.369

Sweetspot

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



70, 21.784, 330.370



96, 8.525, 329.564



67, 20.585, 297.631



51, 5.657, 329.608



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, 21.784, 330.370



86, 32.923, 330.659



69, 15.824, 354.419



39, 6.599, 329.778



37, 73.001, 335.857



4, 23.215, 333.220

Inverse Universe

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



70, 21.784, 330.370



86, 32.923, 330.659



77, 15.132, 170.851



39, 6.599, 329.778



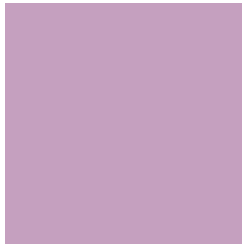
37, 73.001, 335.857



4, 23.215, 333.220

Previews

White Background



This preview shows how the CIELCh color 70, 21.786, 330.369 looks on a white background.

Color Contrast Check

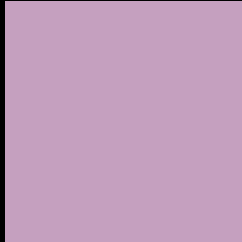
Large Text (above 18pt) WCAG AA × Fail

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, 21.786, 330.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

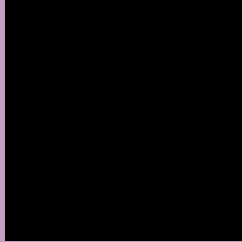
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 21.786, 330.369

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.786, 330.369.




This preview shows how white text looks on a background with the CIELCh color 70, 21.786, 330.369.

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





Tritanopia
70, 13.846, 352.518

Trichromacy



Original Color
70, 21.786, 330.369

Protanomaly
70, 16.459, 305.538

Deuteranomaly
70, 16.438, 320.785

Tritanomaly
70, 16.488, 341.999

Monochromacy



Original Color
70, 21.786, 330.369

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.759, 329.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.786, 330.369 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(197, 160, 191)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 191)  
}
```

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(197, 160, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.786, 330.369 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(197, 160, 191) }
```

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

```
.border{ border-color:rgb(197, 160, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 160, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 160, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 160, 191);  
box-shadow:4px 4px 4px 4px rgb(197, 160,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.786, 330.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 160, 191) }
```

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

```
.background{ background-color: rgb(197,  
160, 191) }
```

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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