

Converting Colors

CIELCh(69, 20.282, 337.847)

Have a look what the booklet for
CIELCh(69, 20.282, 337.847)
contains.

CIELCh(69, 20.397, 337.094)	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(69, 20.397, 337.094)

Conversions

Conversions Part 1

Format	Color
Hex	C49DB7
RGB	196, 157, 183
RGB Percent	77%, 62%, 72%
CMY	0.2308, 0.3837, 0.2818
CMYK	0.00, 0.20, 0.07, 0.23
HSL	320°, 25%, 69%
HSV	320°, 20%, 77%
XYZ	43.4489, 39.3444, 50.1853
YIQ	171.6250, 14.8980, 16.3540

Conversions

Conversions Part 2

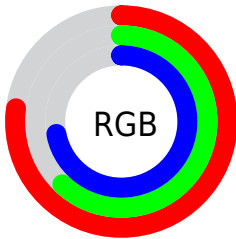
Format	Color
R_{YB}	196, 157, 183
Decimal	12885431
CIE Lab	69.00, 18.79, -7.94
CIE LCh	69, 20.397, 337.094
Yxy	39.3444, 0.3267, 0.2959
Android (android.graphics.Color)	4291075511 (0xFFC49DB7)
YUV	171.6250, 5.6079, 21.3769
Hunter-Lab	62.7251, 13.8758, -3.5294

Details

The CIELCh color $69, 20.397, 337.094$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 20.191, 154.152$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 20.284, 337.183$, and $49, 20.698, 337.135$ is the 20% darker color. If you saturate the color by 10%, you get $64, 30.707, 337.908$, and if you desaturate by 10%, it is $74, 10.072, 336.328$.

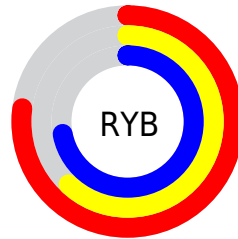
Distribution



Red (77%)

Green (62%)

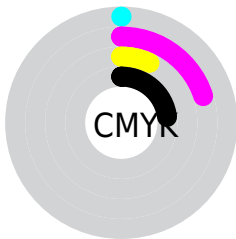
Blue (72%)



Red (77%)

Yellow (62%)

Blue (72%)

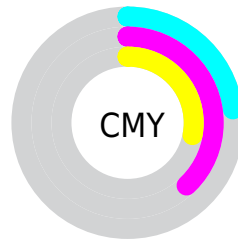


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (23%)



Cyan (23%)


Magenta (38%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 20.397, 337.094 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 69, 20.397, 337.094 by changing the saturation by 10% instead.

 69, 20.397,
337.094


 69, 20.397,
337.094


 100, 20.397,
337.094


 59, 20.397,
337.094


 89, 20.397,
337.094

 49, 20.397,
337.094

 99, 20.397,
337.094

 39, 20.397,
337.094

 29, 20.397,
337.094

 19, 20.397,
337.094

 9, 20.397, 337.094

 0, 20.397, 337.094

69, 20.397,
337.094

69, 20.397,
337.094

64, 30.707,
337.908

74, 10.072,
336.328

60, 40.776,
338.786

79, 0.109, 158.808

55, 50.268,
339.752

85, 10.059,
155.040

52, 58.751,
340.835

90, 19.729,
154.408

48, 65.724,
342.083

95, 28.964,
153.884

46, 70.713,
343.561

95, 26.594,
158.843


44, 73.420,
345.355


96, 24.430,
164.688

43, 74.174,

96, 22.534,
171.554

347.502

 96, 20.986,
179.522

 43, 74.180,
347.527

Harmonies

Complementary

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



69, 20.397, 337.094



76, 20.191, 154.152

Rectangle

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



69, 20.397, 337.094



69, 20.397, 27.094



69, 20.397, 157.094



69, 20.397, 207.094

Sweetspot

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



69, 20.395, 337.095



96, 7.542, 336.036



67, 22.152, 304.232



51, 5.005, 336.088



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 20.395, 337.095



85, 30.506, 337.453



68, 15.618, 7.771



38, 5.718, 336.288



35, 64.156, 347.148



3, 17.753, 342.223

Inverse Universe

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



69, 20.395, 337.095



85, 30.506, 337.453



76, 14.302, 184.127



38, 5.718, 336.288



35, 64.156, 347.148



3, 17.753, 342.223

Previews

White Background



This preview shows how the CIELCh color 69, 20.397, 337.094 looks on a white background.

Color Contrast Check

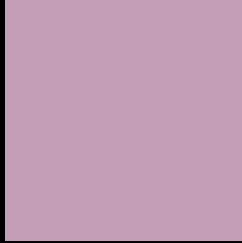
Large Text (above 18pt) WCAG AA × Fail

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 69, 20.397, 337.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

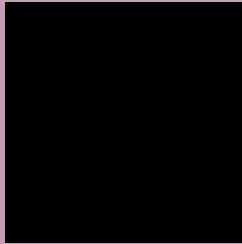
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 20.397, 337.094

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.397, 337.094.



This preview shows how white text looks on a background with the CIELCh color 69, 20.397, 337.094.

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
69, 20.397, 337.094

Protanopia
69, 12.649, 288.227

Deuteranopia
69, 11.397, 320.224



Tritanopia
69, 15.509, 353.647

Trichromacy



Original Color
69, 20.397, 337.094

Protanomaly
69, 14.613, 310.345

Deuteranomaly
69, 13.972, 328.922

Tritanomaly
69, 17.156, 346.040

Monochromacy



Original Color
69, 20.397, 337.094

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.245, 337.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.397, 337.094 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(196, 157, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 157, 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(196, 157, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 157, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.397, 337.094 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(196, 157, 183) }
```

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

```
.border{ border-color:rgb(196, 157, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 157, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 157, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 157, 183);  
box-shadow:4px 4px 4px 4px rgb(196, 157,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.397, 337.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 157, 183) }
```

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

```
.background{ background-color: rgb(196,  
157, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor