

Converting Colors

CIELCh(69, 33.132, 320.966)

Have a look what the booklet for
CIELCh(69, 33.132, 320.966)
contains.

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Color

CIELCh(69, 33.230, 321.436)

Conversions

Conversions Part 1

Format	Color
Hex	C699CE
RGB	198, 153, 206
RGB Percent	78%, 60%, 81%
CMY	0.2227, 0.3992, 0.1914
CMYK	0.04, 0.26, 0.00, 0.19
HSL	291°, 35%, 70%
HSV	291°, 26%, 81%
XYZ	45.9293, 39.3444, 63.6943
YIQ	172.4970, 9.8070, 26.0230

Conversions

Conversions Part 2

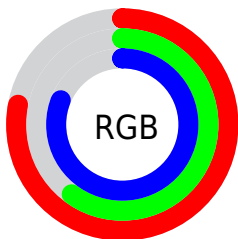
Format	Color
R_{YB}	198, 153, 206
Decimal	13015502
CIE _{Lab}	69.00, 25.98, -20.72
CIE _{LCh}	69, 33.230, 321.436
Yxy	39.3444, 0.3083, 0.2641
Android (android.graphics.Color)	4291205582 (0xFFC699CE)
YUV	172.4970, 16.5170, 22.3661
Hunter-Lab	62.7251, 20.9345, -16.2985

Details

The CIELCh color $69, 33.230, 321.436$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 32.944, 138.861$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 29.467, 325.450$, and $49, 33.796, 321.575$ is the 20% darker color. If you saturate the color by 10%, you get $64, 46.141, 321.881$, and if you desaturate by 10%, it is $74, 20.209, 320.970$.

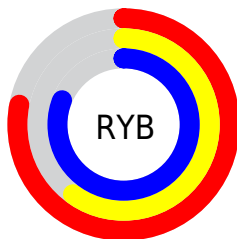
Distribution



Red (78%)

Green (60%)

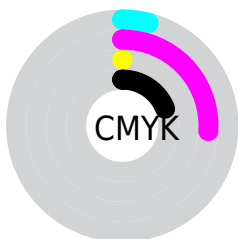
Blue (81%)



Red (78%)

Yellow (60%)

Blue (81%)

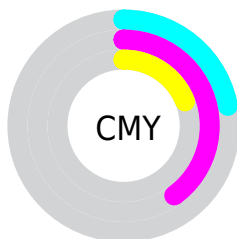


Cyan (4%)

Magenta (26%)

Yellow (0%)

Black (19%)



Cyan (22%)


Magenta (40%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 33.230, 321.436 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, 33.230, 321.436 by changing the saturation by 10% instead.


 69, 33.230,
321.436


 69, 33.230,
321.436


 100, 33.230,
321.436


 59, 33.230,
321.436


 89, 33.230,
321.436

 49, 33.230,
321.436

 99, 33.230,
321.436

 39, 33.230,
321.436

 29, 33.230,
321.436

 19, 33.230,
321.436

 9, 33.230, 321.436

 0, 33.230, 321.436

69, 33.230,
321.436

69, 33.230,
321.436

64, 46.141,
321.881

74, 20.209,
320.970

59, 58.651,
322.285

80, 7.287, 320.488

55, 70.347,
322.620

85, 5.410, 140.109

91, 17.808,
139.646

51, 80.710,
322.851

96, 29.081,
139.144

48, 89.172,
322.942

96, 28.508,
137.319

46, 95.239,
322.859


96, 27.962,
135.404

44, 98.689,
322.577

97, 27.447,
133.399

44, 99.698,

322.422

 97, 26.967,
131.302

Harmonies

Complementary

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



69, 33.230, 321.436



79, 32.944, 138.861

Rectangle

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



69, 33.230, 321.436



69, 33.230, 11.436



69, 33.230, 141.436



69, 33.230, 191.436

Sweetspot

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



69, 33.228, 321.436



95, 12.162, 320.607



67, 24.487, 285.750



50, 8.654, 320.681



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, 33.228, 321.436



80, 47.636, 321.692



69, 27.508, 337.566



40, 7.202, 320.670



35, 84.732, 322.507



4, 27.491, 321.506

Inverse Universe

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



68, 21.297, 9.720



80, 30.956, 10.515



78, 27.173, 153.608



40, 4.449, 7.835



34, 69.227, 32.442



4, 18.092, 12.012

Previews

White Background



This preview shows how the CIELCh color 69, 33.230, 321.436 looks on a white background.

Color Contrast Check

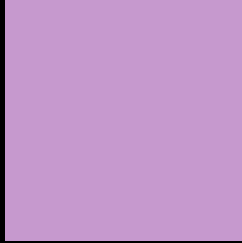
Large Text (above 18pt) WCAG AA × Fail

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 69, 33.230, 321.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

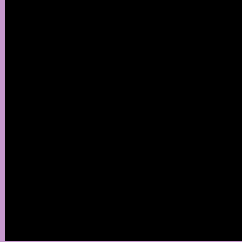
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 33.230, 321.436

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.230, 321.436.

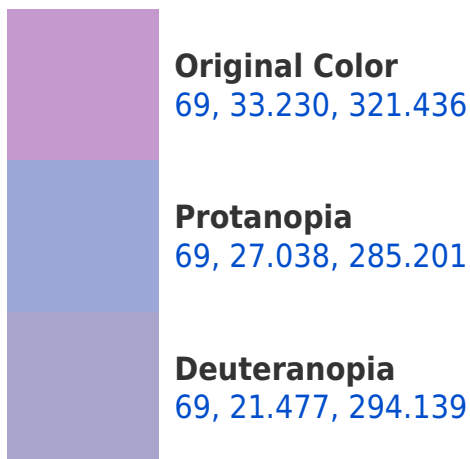


This preview shows how white text looks on a background with the CIELCh color 69, 33.230, 321.436.

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
69, 14.233, 353.330

Trichromacy



Original Color
69, 33.230, 321.436

Protanomaly
69, 27.761, 299.165

Deuteranomaly
69, 25.030, 306.186

Tritanomaly
69, 19.855, 335.480

Monochromacy



Original Color
69, 33.230, 321.436

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 12.027, 320.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.230, 321.436 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(198, 153, 206)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 206)  
}
```

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(198, 153, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.230, 321.436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

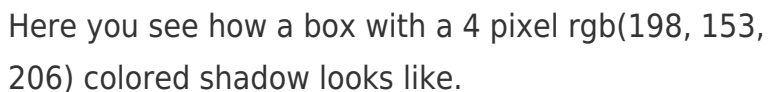
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 153, 206) }
```

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

```
.border{ border-color:rgb(198, 153, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 153, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 153, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 153, 206); box-shadow:4px 4px 4px 4px rgb(198, 153, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.230, 321.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 206) }
```

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

```
.background{ background-color: rgb(198,  
153, 206) }
```

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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