

Converting Colors

CIELCh(69, 17.875, 315.755)

Have a look what the booklet for
CIELCh(69, 17.875, 315.755)
contains.

CIELCh(69, 17.597, 316.031)	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, 17.597, 316.031)

Conversions

Conversions Part 1

Format	Color
Hex	B6A2BF
RGB	182, 162, 191
RGB Percent	71%, 64%, 75%
CMY	0.2878, 0.3662, 0.2525
CMYK	0.05, 0.15, 0.00, 0.25
HSL	281°, 18%, 69%
HSV	281°, 15%, 75%
XYZ	41.4093, 39.3444, 54.4710
YIQ	171.2860, 2.6110, 13.2590

Conversions

Conversions Part 2

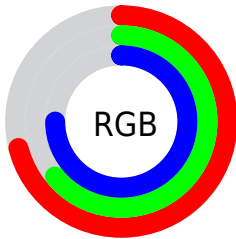
Format	Color
R_{YB}	182, 162, 191
Decimal	11969215
CIE Lab	69.00, 12.66, -12.22
CIE LCh	69, 17.597, 316.031
Yxy	39.3444, 0.3062, 0.2910
Android (android.graphics.Color)	4290159295 (0xFFB6A2BF)
YUV	171.2860, 9.7190, 9.3962
Hunter-Lab	62.7251, 8.0716, -7.5804

Details

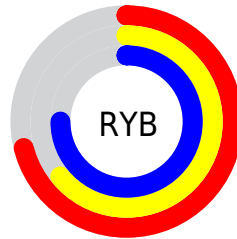
The CIELCh color $69, 17.597, 316.031$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 17.384, 134.747$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.341, 316.236$, and $49, 18.068, 315.878$ is the 20% darker color. If you saturate the color by 10%, you get $64, 29.419, 316.469$, and if you desaturate by 10%, it is $74, 5.964, 315.588$.

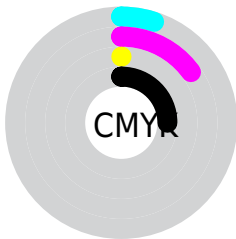
Distribution



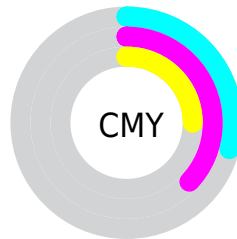
- Red (71%)
- Green (64%)
- Blue (75%)



- Red (71%)
- Yellow (64%)
- Blue (75%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)





- Cyan (29%)
- Magenta (37%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 17.597, 316.031 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, 17.597, 316.031 by changing the saturation by 10% instead.


 69, 17.597,
316.031


 69, 17.597,
316.031


 100, 17.597,
316.031


 59, 17.597,
316.031


 89, 17.597,
316.031

 49, 17.597,
316.031

 99, 17.597,
316.031

 39, 17.597,
316.031

 29, 17.597,
316.031

 19, 17.597,
316.031

 9, 17.597, 316.031

 0, 17.597, 316.031

69, 17.597,
316.031

69, 17.597,
316.031

64, 29.419,
316.469

74, 5.964, 315.588

59, 41.309,
316.901

80, 5.403, 135.248

54, 53.062,
317.305

85, 16.467,
134.852

49, 64.361,
317.646

91, 27.215,
134.505

45, 74.763,
317.877

96, 36.511,
133.932

41, 83.695,
317.940

96, 35.567,
130.954


38, 90.547,
317.765


96, 34.721,
127.773

36, 94.866,

97, 33.987,
124.395

317.295

 97, 33.380,
120.836

 35, 96.405,
317.017

Harmonies

Complementary

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



69, 17.597, 316.031



75, 17.384, 134.747

Rectangle

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



69, 17.597, 316.031



69, 17.597, 6.031



69, 17.597, 136.031



69, 17.597, 186.031

Sweetspot

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



69, 17.595, 316.030



94, 7.075, 315.582



70, 11.255, 274.496



50, 4.870, 315.616



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 17.595, 316.030



85, 25.811, 316.165



70, 16.896, 330.869



37, 6.465, 315.774



29, 83.879, 317.152



2, 18.864, 312.123

Inverse Universe

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



69, 12.157, 356.695



86, 17.882, 357.043



75, 16.843, 148.956



37, 4.443, 356.062



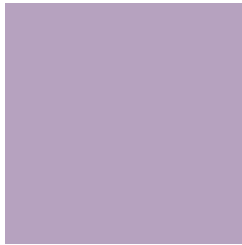
33, 60.831, 19.422



3, 12.885, 2.113

Previews

White Background



This preview shows how the CIELCh color 69, 17.597, 316.031 looks on a white background.

Color Contrast Check

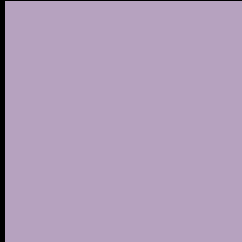
Large Text (above 18pt) WCAG AA × Fail

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, 17.597, 316.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

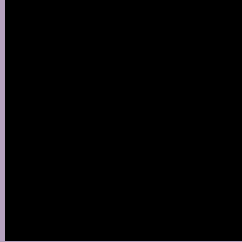
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 17.597, 316.031

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.597, 316.031.



This preview shows how white text looks on a background with the CIELCh color 69, 17.597, 316.031.

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, 17.597, 316.031

Protanopia

69, 14.854, 287.597

Deuteranopia

69, 14.905, 307.012



Tritanopia
69, 9.365, 330.605

Trichromacy



Original Color
69, 17.597, 316.031

Protanomaly
69, 15.542, 298.277

Deuteranomaly
69, 15.766, 310.339

Tritanomaly
69, 12.447, 323.539

Monochromacy



Original Color
69, 17.597, 316.031

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.104, 315.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.597, 316.031 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(182, 162, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 162, 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(182, 162, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 162, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.597, 316.031 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(182, 162, 191) }
```

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

```
.border{ border-color:rgb(182, 162, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 162, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 162, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 162, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 162,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.597, 316.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 162, 191) }
```

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

```
.background{ background-color: rgb(182,  
162, 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](#).

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