

Converting Colors

CIELCh(69, 28.337, 315.398)

Have a look what the booklet for
CIELCh(69, 28.337, 315.398)
contains.

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Color

CIELCh(69, 28.681, 314.990)

Conversions

Conversions Part 1

Format	Color
Hex	BC9DCD
RGB	188, 157, 205
RGB Percent	74%, 62%, 80%
CMY	0.2617, 0.3833, 0.1950
CMYK	0.08, 0.23, 0.00, 0.20
HSL	279°, 33%, 71%
HSV	279°, 23%, 80%
XYZ	43.9545, 39.3444, 63.2030
YIQ	171.7410, 3.0680, 21.5000

Conversions

Conversions Part 2

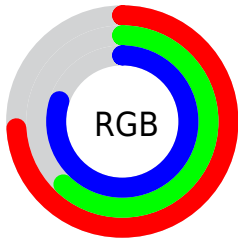
Format	Color
RYB	188, 157, 205
Decimal	12361165
CIELab	69.00, 20.28, -20.28
CIELCh	69, 28.681, 314.990
Yxy	39.3444, 0.3000, 0.2686
Android (android.graphics.Color)	4290551245 (0xFFBC9DCD)
YUV	171.7410, 16.3967, 14.2591
Hunter-Lab	62.7251, 15.3147, -15.8342

Details

The CIELCh color `69, 28.681, 314.990` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `79, 28.074, 132.947`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 25.245, 318.560`, and `49, 29.149, 314.780` is the 20% darker color. If you saturate the color by 10%, you get `63, 41.245, 315.437`, and if you desaturate by 10%, it is `75, 16.251, 314.544`.

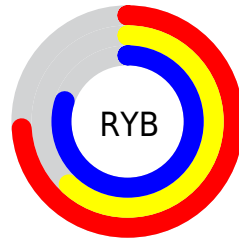
Distribution



Red (74%)

Green (62%)

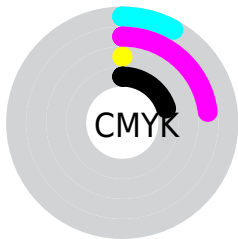
Blue (80%)



Red (74%)

Yellow (62%)

Blue (80%)

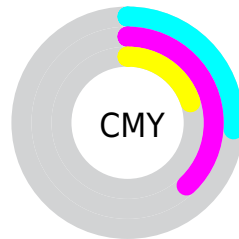


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (26%)


Magenta (38%)

Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 28.681, 314.990 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, 28.681, 314.990 by changing the saturation by 10% instead.

 69, 28.681,
314.990


 69, 28.681,
314.990


 100, 28.681,
314.990


 59, 28.681,
314.990


 89, 28.681,
314.990

 49, 28.681,
314.990

 99, 28.681,
314.990

 39, 28.681,
314.990

 29, 28.681,
314.990

 19, 28.681,
314.990

 9, 28.681, 314.990

 0, 28.681, 314.990

69, 28.681,
314.990

69, 28.681,
314.990

63, 41.245,
315.437

75, 16.251,
314.544

58, 53.763,
315.866

81, 4.070, 314.092

86, 7.805, 133.760

53, 65.937,
316.243

92, 19.348,
133.383

48, 77.327,
316.520

97, 27.643,
131.987

44, 87.334,
316.633

97, 26.635,
126.913

41, 95.264,
316.506


98, 25.855,
121.400

38, 100.522,
316.064

98, 25.337,
115.521

37, 102.803,

315.638

 99, 25.110,
109.393

Harmonies

Complementary

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



69, 28.681, 314.990



79, 28.074, 132.947

Rectangle

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



69, 28.681, 314.990



69, 28.681, 4.990



69, 28.681, 134.990



69, 28.681, 184.990

Sweetspot

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



69, 28.679, 314.990



95, 10.061, 314.266



71, 17.462, 271.840



50, 6.541, 314.294



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, 28.679, 314.990



81, 41.111, 315.212



70, 28.642, 329.693



40, 6.820, 314.368



29, 87.601, 315.795



3, 25.458, 312.531

Inverse Universe

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



70, 20.560, 354.688



82, 29.532, 355.309



78, 28.579, 146.690



40, 4.852, 353.135



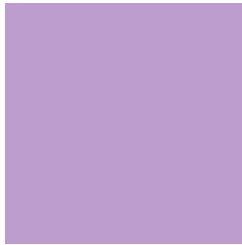
35, 62.040, 15.586



4, 18.812, 2.085

Previews

White Background



This preview shows how the CIELCh color 69, 28.681, 314.990 looks on a white background.

Color Contrast Check

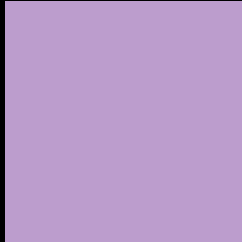
Large Text (above 18pt) WCAG AA × Fail

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, 28.681, 314.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

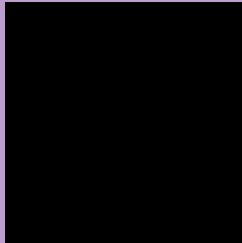
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 28.681, 314.990

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.681, 314.990.



This preview shows how white text looks on a background with the CIELCh color 69, 28.681, 314.990.

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, 28.681, 314.990

Protanopia
69, 24.842, 284.975

Deuteranopia
69, 21.477, 294.139



Tritanopia
69, 10.338, 340.846

Trichromacy



Original Color
69, 28.681, 314.990

Protanomaly
69, 25.969, 296.465

Deuteranomaly
69, 23.641, 303.449

Tritanomaly
69, 16.602, 325.157

Monochromacy



Original Color
69, 28.681, 314.990

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.214, 314.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.681, 314.990 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(188, 157, 205)` looks like.

```
.text, #text, p{  
    color:rgb(188, 157, 205)  
}
```

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(188, 157, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 157, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.681, 314.990 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(188, 157, 205) }
```

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

```
.border{ border-color:rgb(188, 157, 205) }
```

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

Here you see how a box with a 4 pixel rgb(188, 157, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 157, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 157, 205);  
box-shadow:4px 4px 4px 4px rgb(188, 157,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.681, 314.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 157, 205) }
```

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

```
.background{ background-color: rgb(188,  
157, 205) }
```

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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