

Converting Colors

CIELCh(69, 22.365, 314.482)

Have a look what the booklet for
CIELCh(69, 22.365, 314.482)
contains.

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Color

CIELCh(69, 22.187, 314.872)

Conversions

Conversions Part 1

Format	Color
Hex	B8A0C5
RGB	184, 160, 197
RGB Percent	72%, 63%, 77%
CMY	0.2786, 0.3727, 0.2276
CMYK	0.07, 0.19, 0.00, 0.23
HSL	279°, 24%, 70%
HSV	279°, 19%, 77%
XYZ	42.3965, 39.3444, 58.1604
YIQ	171.3940, 2.4270, 16.5950

Conversions

Conversions Part 2

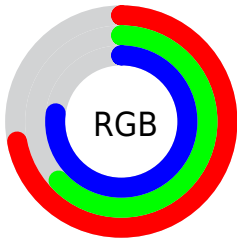
Format	Color
RYB	184, 160, 197
Decimal	12099781
CIELab	69.00, 15.65, -15.72
CIELCh	69, 22.187, 314.872
Yxy	39.3444, 0.3030, 0.2812
Android (android.graphics.Color)	4290289861 (0xFFB8A0C5)
YUV	171.3940, 12.6238, 11.0555
Hunter-Lab	62.7251, 10.8810, -11.0677

Details

The CIELCh color $69, 22.187, 314.872$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 21.812, 133.266$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 22.181, 314.483$, and $49, 22.414, 315.373$ is the 20% darker color. If you saturate the color by 10%, you get $64, 34.296, 315.318$, and if you desaturate by 10%, it is $75, 10.262, 314.431$.

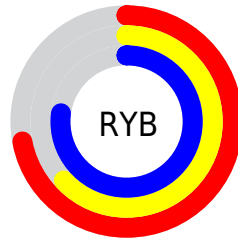
Distribution



Red (72%)

Green (63%)

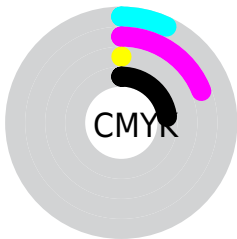
Blue (77%)



Red (72%)

Yellow (63%)

Blue (77%)

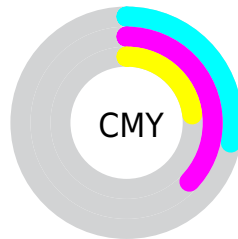


Cyan (7%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (28%)


Magenta (37%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 22.187, 314.872 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, 22.187, 314.872 by changing the saturation by 10% instead.

 69, 22.187,
314.872


 69, 22.187,
314.872

 100, 22.187,
314.872


 59, 22.187,
314.872


 89, 22.187,
314.872

 49, 22.187,
314.872

 99, 22.187,
314.872

 39, 22.187,
314.872

 29, 22.187,
314.872

 19, 22.187,
314.872

 9, 22.187, 314.872

 0, 22.187, 314.872

69, 22.187,
314.872

69, 22.187,
314.872

64, 34.296,
315.318

75, 10.262,
314.431

58, 46.453,
315.756

80, 1.394, 134.155

53, 58.424,
316.160

86, 12.740,
133.671

48, 69.855,
316.489

91, 23.760,
133.317

44, 80.238,
316.687

96, 32.411,
132.376

40, 88.938,
316.684

97, 31.397,
128.317

37, 95.306,
316.402

97, 30.552,
123.939

35, 99.178,

98, 29.900,
119.273

315.820

98, 29.464,
114.372

35, 99.602,
315.748

Harmonies

Complementary

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



69, 22.187, 314.872



77, 21.812, 133.266

Rectangle

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



69, 22.187, 314.872



69, 22.187, 4.872



69, 22.187, 134.872



69, 22.187, 184.872

Sweetspot

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



69, 22.185, 314.871



96, 8.620, 314.311



71, 13.526, 271.051



51, 5.722, 314.341



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, 22.185, 314.871



84, 33.649, 315.075



70, 22.226, 329.407



39, 6.683, 314.458



29, 86.550, 315.890



3, 23.164, 311.757

Inverse Universe

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



69, 15.836, 354.328



85, 24.074, 354.861



76, 22.176, 147.065



39, 4.744, 353.315



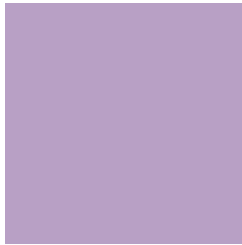
34, 61.373, 15.774



4, 16.759, 1.570

Previews

White Background



This preview shows how the CIELCh color 69, 22.187, 314.872 looks on a white background.

Color Contrast Check

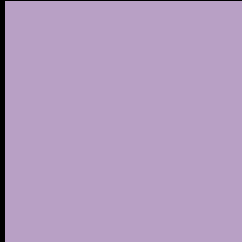
Large Text (above 18pt) WCAG AA × Fail

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, 22.187, 314.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

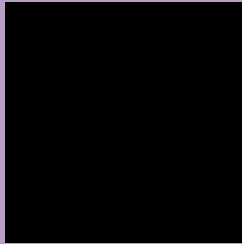
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 22.187, 314.872

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.187, 314.872.



This preview shows how white text looks on a background with the CIELCh color 69, 22.187, 314.872.

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, 22.187, 314.872

Protanopia
69, 19.290, 285.984

Deuteranopia
69, 17.889, 301.016



Tritanopia
69, 9.215, 334.646

Trichromacy



Original Color
69, 22.187, 314.872

Protanomaly
69, 19.930, 297.158

Deuteranomaly
69, 18.812, 306.168

Tritanomaly
69, 13.563, 322.383

Monochromacy



Original Color
69, 22.187, 314.872

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.916, 315.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.187, 314.872 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(184, 160, 197)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 197)  
}
```

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(184, 160, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.187, 314.872 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(184, 160, 197) }
```

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

```
.border{ border-color:rgb(184, 160, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 160, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 197);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.187, 314.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 160, 197) }
```

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

```
.background{ background-color: rgb(184,  
160, 197) }
```

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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