

Converting Colors

CIELCh(69, 10.453, 316.398)

Have a look what the booklet for
CIELCh(69, 10.453, 316.398)
contains.

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Color

CIELCh(69, 10.565, 318.127)

Conversions

Conversions Part 1

Format	Color
Hex	B1A4B5
RGB	177, 164, 181
RGB Percent	69%, 64%, 71%
CMY	0.3050, 0.3560, 0.2893
CMYK	0.02, 0.09, 0.00, 0.29
HSL	286°, 10%, 68%
HSV	286°, 9%, 71%
XYZ	39.8567, 39.3444, 49.3259
YIQ	169.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

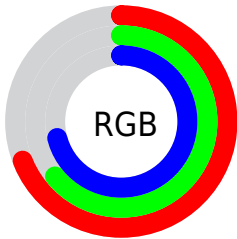
Format	Color
RYB	177, 164, 181
Decimal	11642037
CIELab	69.00, 7.87, -7.05
CIELCh	69, 10.565, 318.127
Yxy	39.3444, 0.3101, 0.3061
Android (android.graphics.Color)	4289832117 (0xFFB1A4B5)
YUV	169.8250, 5.5093, 6.2925
Hunter-Lab	62.7251, 3.6532, -2.7170

Details

The CIELCh color $69, 10.565, 318.127$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 10.496, 137.347$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 10.658, 318.452$, and $49, 10.579, 317.795$ is the 20% darker color. If you saturate the color by 10%, you get $64, 22.005, 318.570$, and if you desaturate by 10%, it is $74, 0.680, 137.992$.

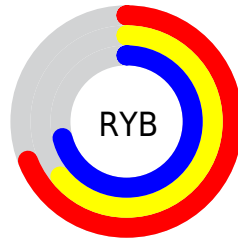
Distribution



Red (69%)

Green (64%)

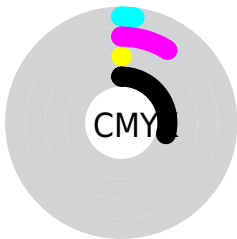
Blue (71%)



Red (69%)

Yellow (64%)

Blue (71%)

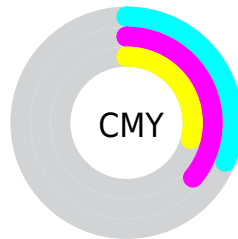


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (36%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 10.565, 318.127 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, 10.565, 318.127 by changing the saturation by 10% instead.


 69, 10.565,
318.127


 69, 10.565,
318.127


 100, 10.565,
318.127


 59, 10.565,
318.127


 89, 10.565,
318.127

 49, 10.565,
318.127

 99, 10.565,
318.127

 39, 10.565,
318.127

 29, 10.565,
318.127

 19, 10.565,
318.127

 9, 10.565, 318.127

 0, 10.565, 318.127

69, 10.565,
318.127

69, 10.565,
318.127

64, 22.005,
318.570

74, 0.680, 137.992

59, 33.539,
319.007

79, 11.660,
137.333

54, 44.990,
319.422

84, 22.346,
136.948

50, 56.093,
319.791

90, 32.725,
136.595

46, 66.477,
320.078

95, 42.797,
136.271

42, 75.660,
320.239

95, 42.149,
134.569


39, 83.100,
320.224


95, 41.433,
132.769

37, 88.323,

95, 40.756,
130.883

319.983

 96, 40.122,
128.912

 36, 91.441,
319.525

Harmonies

Complementary

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



69, 10.565, 318.127



72, 10.496, 137.347

Rectangle

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



69, 10.565, 318.127



69, 10.565, 8.127



69, 10.565, 138.127



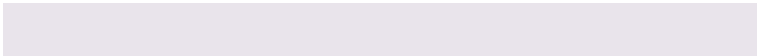
69, 10.565, 188.127

Sweetspot

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



69, 10.563, 318.126



91, 4.145, 317.820



69, 7.143, 278.404



48, 3.141, 317.864



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 10.563, 318.126



86, 15.302, 318.207



69, 9.509, 332.911



36, 6.447, 318.124



30, 81.815, 319.590



2, 17.015, 314.845

Inverse Universe

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



69, 6.874, 1.411



86, 9.985, 1.605



72, 9.471, 151.745



36, 4.195, 1.407



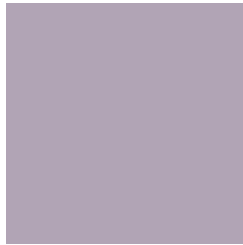
32, 62.438, 25.863



2, 11.001, 5.403

Previews

White Background



This preview shows how the CIELCh color 69, 10.565, 318.127 looks on a white background.

Color Contrast Check

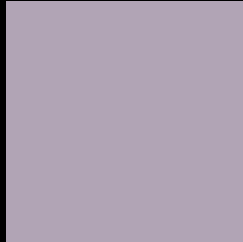
Large Text (above 18pt) WCAG AA × Fail

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, 10.565, 318.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

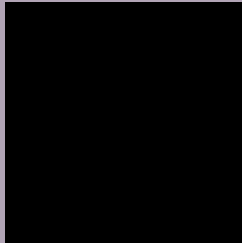
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 10.565, 318.127

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.565, 318.127.



This preview shows how white text looks on a background with the CIELCh color 69, 10.565, 318.127.

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, 10.565, 318.127

Protanopia
69, 8.798, 291.069

Deuteranopia
69, 10.925, 321.637



Tritanopia
69, 8.471, 322.692

Trichromacy



Original Color
69, 10.565, 318.127

Protanomaly
69, 9.017, 302.768

Deuteranomaly
69, 10.740, 319.909

Tritanomaly
69, 8.938, 320.826

Monochromacy



Original Color
69, 10.565, 318.127

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 3.812, 319.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.565, 318.127 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(177, 164, 181)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 181)  
}
```

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(177, 164, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.565, 318.127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

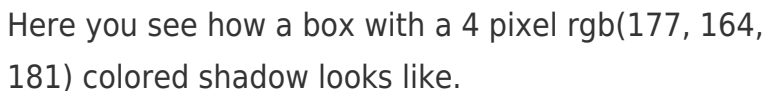
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 164, 181) }
```

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

```
.border{ border-color:rgb(177, 164, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 164, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 164, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 164, 181); box-shadow:4px 4px 4px 4px rgb(177, 164, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.565, 318.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 181) }
```

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

```
.background{ background-color: rgb(177,  
164, 181) }
```

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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