

Converting Colors

CIELCh(69, 10.235, 314.943)

Have a look what the booklet for
CIELCh(69, 10.235, 314.943)
contains.

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Color

CIELCh(69, 10.236, 314.402)

Conversions

Conversions Part 1

Format	Color
Hex	B0A5B6
RGB	176, 165, 182
RGB Percent	69%, 65%, 71%
CMY	0.3111, 0.3542, 0.2876
CMYK	0.03, 0.09, 0.00, 0.29
HSL	279°, 10%, 68%
HSV	279°, 9%, 71%
XYZ	39.6319, 39.3444, 49.5779
YIQ	170.2270, 1.0990, 7.6190

Conversions

Conversions Part 2

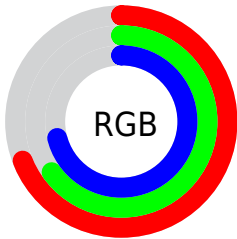
Format	Color
R_{YB}	176, 165, 182
Decimal	11576758
CIE Lab	69.00, 7.16, -7.31
CIE LCh	69, 10.236, 314.402
Yxy	39.3444, 0.3083, 0.3061
Android (android.graphics.Color)	4289766838 (0xFFB0A5B6)
YUV	170.2270, 5.8041, 5.0629
Hunter-Lab	62.7251, 3.0134, -2.9552

Details

The CIELCh color $69, 10.236, 314.402$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 10.138, 133.656$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 10.339, 314.965$, and $49, 10.238, 313.800$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.405, 314.839$, and if you desaturate by 10%, it is $74, 0.690, 134.230$.

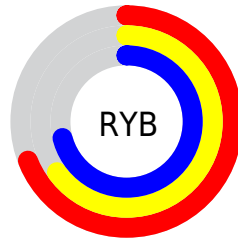
Distribution



Red (69%)

Green (65%)

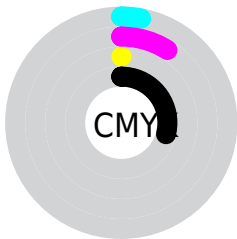
Blue (71%)



Red (69%)

Yellow (65%)

Blue (71%)

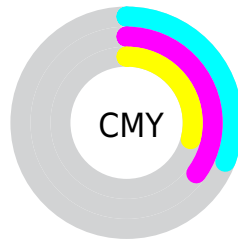


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (35%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 10.236, 314.402 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, 10.236, 314.402 by changing the saturation by 10% instead.


 69, 10.236,
314.402


 69, 10.236,
314.402


 100, 10.236,
314.402


 59, 10.236,
314.402


 89, 10.236,
314.402

 49, 10.236,
314.402

 99, 10.236,
314.402

 39, 10.236,
314.402

 29, 10.236,
314.402

 19, 10.236,
314.402

 9, 10.236, 314.402

 0, 10.236, 314.402

69, 10.236,
314.402

69, 10.236,
314.402

64, 21.405,
314.839

74, 0.690, 134.230

59, 32.747,
315.283

80, 11.326,
133.641

54, 44.126,
315.719

85, 21.660,
133.287

49, 55.326,
316.120

90, 31.689,
132.969

44, 66.013,
316.445

95, 41.124,
132.615

40, 75.716,
316.640

96, 40.128,
129.717

37, 83.842,
316.634

96, 39.237,
126.626

34, 89.790,

96, 38.465,
123.351

316.351

97, 37.827,
119.905

32, 93.544,
315.793

Harmonies

Complementary

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



69, 10.236, 314.402



73, 10.138, 133.656

Rectangle

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



69, 10.236, 314.402



69, 10.236, 4.402



69, 10.236, 134.402



69, 10.236, 184.402

Sweetspot

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



69, 10.234, 314.400



92, 4.051, 314.109



70, 6.276, 269.629



49, 3.098, 314.151



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 10.234, 314.400



87, 14.978, 314.480



69, 10.318, 328.826



36, 6.253, 314.400



27, 83.553, 315.881



2, 16.438, 310.183

Inverse Universe

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



69, 7.273, 353.197



87, 10.657, 353.388



72, 10.294, 147.757



36, 4.444, 353.196



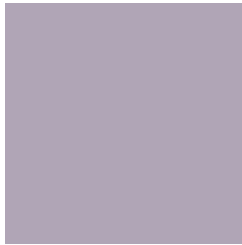
32, 59.169, 15.382



2, 11.413, 358.926

Previews

White Background



This preview shows how the CIELCh color 69, 10.236, 314.402 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, 10.236, 314.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

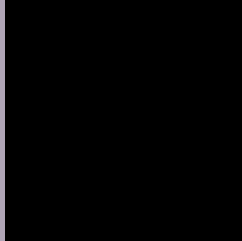
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

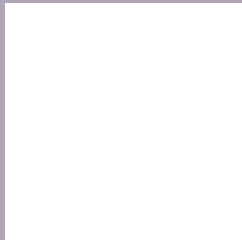
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 10.236, 314.402

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.236, 314.402.



This preview shows how white text looks on a background with the CIELCh color 69, 10.236, 314.402.

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, 10.236, 314.402

Protanopia

69, 8.798, 291.069

Deuteranopia

69, 11.397, 320.224



Tritanopia
69, 8.099, 318.171

Trichromacy



Original Color
69, 10.236, 314.402

Protanomaly
69, 9.488, 299.959

Deuteranomaly
69, 11.220, 318.550

Tritanomaly
69, 8.588, 316.487

Monochromacy



Original Color
69, 10.236, 314.402

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 3.640, 314.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.236, 314.402 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(176, 165, 182)` looks like.

```
.text, #text, p{  
    color:rgb(176, 165, 182)  
}
```

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(176, 165, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 165, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.236, 314.402 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(176, 165, 182) }
```

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

```
.border{ border-color:rgb(176, 165, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 165, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 165, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 165, 182);  
box-shadow:4px 4px 4px 4px rgb(176, 165,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.236, 314.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 165, 182) }
```

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

```
.background{ background-color: rgb(176,  
165, 182) }
```

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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