

Converting Colors

CIELCh(68, 10.410, 5.981)

Have a look what the booklet for
CIELCh(68, 10.410, 5.981) contains.

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Color

CIELCh(68, 10.433, 5.139)

Conversions

Conversions Part 1

Format	Color
Hex	B99FA4
RGB	185, 159, 164
RGB Percent	73%, 62%, 64%
CMY	0.2731, 0.3751, 0.3555
CMYK	0.00, 0.14, 0.11, 0.27
HSL	348°, 16%, 68%
HSV	348°, 14%, 73%
XYZ	39.2887, 37.9720, 40.5499
YIQ	167.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

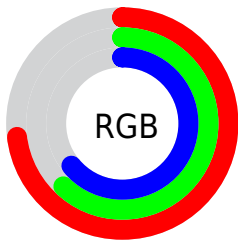
Format	Color
RYB	185, 159, 164
Decimal	12165028
CIELab	68.00, 10.39, 0.93
CIELCh	68, 10.433, 5.139
Yxy	37.9720, 0.3335, 0.3223
Android (android.graphics.Color)	4290355108 (0xFFB99FA4)
YUV	167.3440, -1.6486, 15.4843
Hunter-Lab	61.6215, 5.9707, 4.1193

Details

The CIELCh color **68, 10.433, 5.139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 9.859, 182.658**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 10.215, 5.392**, and **48, 10.273, 7.505** is the 20% darker color. If you saturate the color by 10%, you get **63, 18.318, 6.333**, and if you desaturate by 10%, it is **73, 2.919, 4.042**.

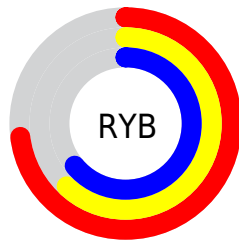
Distribution



Red (73%)

Green (62%)

Blue (64%)



Red (73%)

Yellow (62%)

Blue (64%)

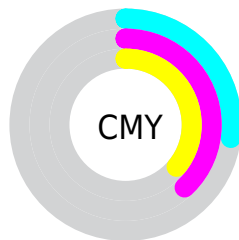


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 10.433, 5.139 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 68, 10.433, 5.139 by changing the saturation by 10% instead.

 68, 10.433, 5.139  68, 10.433, 5.139

 100, 10.433, 5.139  58, 10.433, 5.139

 88, 10.433, 5.139  48, 10.433, 5.139

 98, 10.433, 5.139  38, 10.433, 5.139

 28, 10.433, 5.139

 18, 10.433, 5.139

 8, 10.433, 5.139

 0, 10.433, 5.139

 68, 10.433, 5.139  68, 10.433, 5.139

 63, 18.318, 6.333  73, 2.919, 4.042

58, 26.512, 7.747

78, 4.196, 183.477

54, 34.876, 9.478

84, 10.918,
182.670

49, 43.194, 11.637

89, 17.269,
182.004

46, 51.174, 14.361

43, 58.498, 17.801

94, 23.279,
181.418

41, 64.933, 22.056

96, 22.503,
196.981

39, 70.431, 27.056

39, 73.516, 30.048

96, 22.452,
198.034

Harmonies

Complementary

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



68, 10.433, 5.139



73, 9.859, 182.658

Rectangle

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



68, 10.433, 5.139



68, 10.433, 55.139



68, 10.433, 185.139



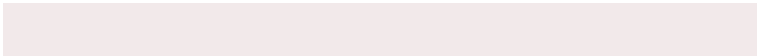
68, 10.433, 235.139

Sweetspot

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



68, 10.431, 5.147



93, 3.601, 4.047



68, 16.312, 319.415



50, 2.585, 4.142



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 10.431, 5.147



85, 15.842, 5.513



70, 8.306, 50.614



36, 4.128, 4.640



32, 64.127, 29.246



2, 10.886, 7.887

Inverse Universe

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



68, 10.431, 5.147



85, 15.842, 5.513



71, 7.690, 232.724



36, 4.128, 4.640



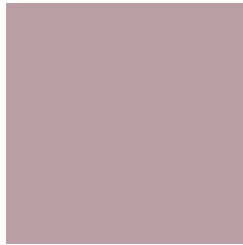
32, 64.127, 29.246



2, 10.886, 7.887

Previews

White Background



This preview shows how the CIELCh color 68, 10.433, 5.139 looks on a white background.

Color Contrast Check

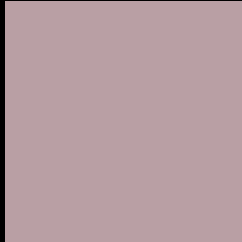
Large Text (above 18pt) WCAG AA × Fail

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 68, 10.433, 5.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

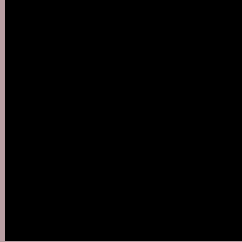
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 10.433, 5.139

Background



This preview shows how black text looks on a background with the CIELCh color 68, 10.433, 5.139.



This preview shows how white text looks on a background with the CIELCh color 68, 10.433, 5.139.

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

68, 10.433, 5.139

Protanopia

68, 2.020, 324.426

Deuteranopia

68, 8.780, 5.723



Tritanopia
68, 12.861, 346.917

Trichromacy



Original Color
68, 10.433, 5.139

Protanomaly
68, 4.750, 352.187

Deuteranomaly
68, 9.161, 6.381

Tritanomaly
68, 12.319, 351.230

Monochromacy



Original Color
68, 10.433, 5.139

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.610, 1.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 10.433, 5.139 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(185, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(185, 159, 164)  
}
```

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(185, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 159, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 10.433, 5.139 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(185, 159, 164) }
```

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

```
.border{ border-color:rgb(185, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(185, 159,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 10.433, 5.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 159, 164) }
```

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

```
.background{ background-color: rgb(185,  
159, 164) }
```

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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