

Converting Colors

CIELCh(69, 18.692, 4.300)

Have a look what the booklet for
CIELCh(69, 18.692, 4.300) contains.

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Color

CIELCh(69, 18.561, 5.914)

Conversions

Conversions Part 1

Format	Color
Hex	CB9DA6
RGB	203, 157, 166
RGB Percent	80%, 62%, 65%
CMY	0.2057, 0.3859, 0.3507
CMYK	0.00, 0.23, 0.18, 0.21
HSL	348°, 30%, 70%
HSV	348°, 23%, 79%
XYZ	43.3385, 39.3444, 41.1840
YIQ	171.7800, 24.5270, 12.5510

Conversions

Conversions Part 2

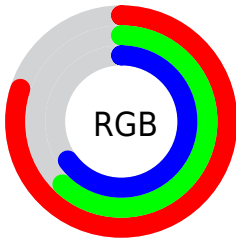
Format	Color
R _Y B	203, 157, 166
Decimal	13344166
CIE Lab	69.00, 18.46, 1.91
CIE LCh	69, 18.561, 5.914
Yxy	39.3444, 0.3499, 0.3176
Android (android.graphics.Color)	4291534246 (0xFFCB9DA6)
YUV	171.7800, -2.8495, 27.3799
Hunter-Lab	62.7251, 13.5617, 4.9790

Details

The CIELCh color **69, 18.561, 5.914** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 16.905, 181.547**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.462, 4.211**, and **49, 18.695, 5.650** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.333, 7.311**, and if you desaturate by 10%, it is **74, 10.123, 4.746**.

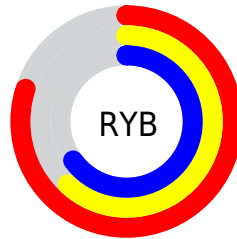
Distribution



Red (80%)

Green (62%)

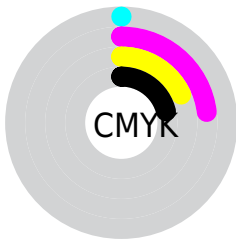
Blue (65%)



Red (80%)

Yellow (62%)

Blue (65%)

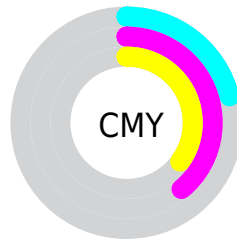


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (21%)



Cyan (21%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 18.561, 5.914 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, 18.561, 5.914 by changing the saturation by 10% instead.

 69, 18.561, 5.914  69, 18.561, 5.914

 100, 18.561, 5.914  59, 18.561, 5.914

 89, 18.561, 5.914  49, 18.561, 5.914

 99, 18.561, 5.914  39, 18.561, 5.914

 29, 18.561, 5.914

 19, 18.561, 5.914

 9, 18.561, 5.914

 0, 18.561, 5.914

 69, 18.561, 5.914  69, 18.561, 5.914

 64, 27.333, 7.311  74, 10.123, 4.746

■ 59, 36.307, 9.011

■ 80, 2.095, 3.578

■ 54, 45.253, 11.129

■ 86, 5.505, 183.081

■ 50, 53.859, 13.803

■ 91, 12.685,
182.298

■ 47, 61.778, 17.186

■ 96, 18.139,
185.250

■ 45, 68.739, 21.393

■ 43, 74.676, 26.378

■ 97, 17.317,
198.358

■ 42, 78.615, 30.148

Harmonies

Complementary

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



69, 18.561, 5.914



78, 16.905, 181.547

Rectangle

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



69, 18.561, 5.914



69, 18.561, 55.914



69, 18.561, 185.914



69, 18.561, 235.914

Sweetspot

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



69, 18.559, 5.919



95, 6.630, 4.141



69, 28.525, 319.811



50, 4.315, 4.207



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, 18.559, 5.919



82, 26.904, 6.536



72, 14.933, 50.138



40, 4.510, 4.390



34, 67.223, 29.295



4, 18.202, 9.863

Inverse Universe

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



69, 18.559, 5.919



82, 26.904, 6.536



75, 13.089, 233.612



40, 4.510, 4.390



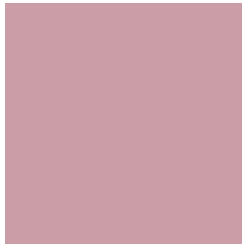
34, 67.223, 29.295



4, 18.202, 9.863

Previews

White Background



This preview shows how the CIELCh color 69, 18.561, 5.914 looks on a white background.

Color Contrast Check

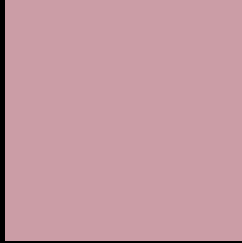
Large Text (above 18pt) WCAG AA × Fail

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, 18.561, 5.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

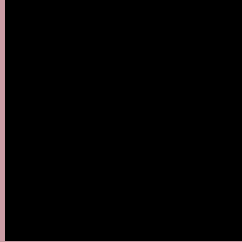
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.561, 5.914

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.561, 5.914.



This preview shows how white text looks on a background with the CIELCh color 69, 18.561, 5.914.

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, 18.561, 5.914

Protanopia

69, 2.486, 317.322

Deuteranopia

69, 8.934, 16.664



Tritanopia
69, 19.333, 1.552

Trichromacy



Original Color
69, 18.561, 5.914

Protanomaly
69, 7.627, 354.559

Deuteranomaly
69, 12.237, 10.256

Tritanomaly
69, 19.196, 3.110

Monochromacy



Original Color
69, 18.561, 5.914

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.341, 4.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.561, 5.914 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(203, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(203, 157, 166)  
}
```

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(203, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 157, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.561, 5.914 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(203, 157, 166) }
```

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

```
.border{ border-color:rgb(203, 157, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(203, 157,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.561, 5.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 157, 166) }
```

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

```
.background{ background-color: rgb(203,  
157, 166) }
```

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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