

Converting Colors

CIELCh(69, 18.863, 356.642)

Have a look what the booklet for
CIELCh(69, 18.863, 356.642)
contains.

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Color

CIELCh(69, 18.557, 356.940)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C99DAB |
| RGB | 201, 157, 171 |
| RGB Percent | 79%, 62%, 67% |
| CMY | 0.2128, 0.3853, 0.3304 |
| CMYK | 0.00, 0.22, 0.15, 0.21 |
| HSL | 341°, 29%, 70% |
| HSV | 341°, 22%, 79% |
| XYZ | 43.3616, 39.3444, 43.7139 |
| YIQ | 171.7520, 21.7300, 13.6820 |

Conversions

Conversions Part 2

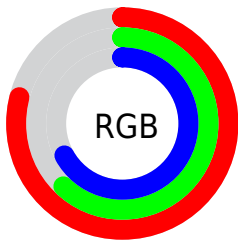
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 201, 157, 171 |
| Decimal | 13213099 |
| CIE Lab | 69.00, 18.53, -0.99 |
| CIE LCh | 69, 18.557, 356.940 |
| Yxy | 39.3444, 0.3430, 0.3112 |
| Android (android.graphics.Color) | 4291403179 (0xFFC99DAB) |
| YUV | 171.7520, -0.3707, 25.6505 |
| Hunter-Lab | 62.7251, 13.6274, 2.5876 |

Details

The CIELCh color $69, 18.557, 356.940$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 17.486, 172.640$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.261, 355.873$, and $49, 18.685, 356.039$ is the 20% darker color. If you saturate the color by 10%, you get $64, 27.401, 358.254$, and if you desaturate by 10%, it is $74, 9.909, 355.808$.

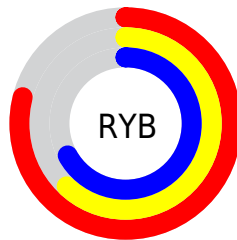
Distribution



Red (79%)

Green (62%)

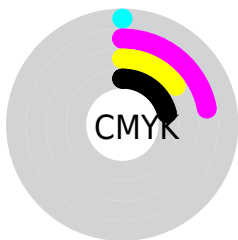
Blue (67%)



Red (79%)

Yellow (62%)

Blue (67%)

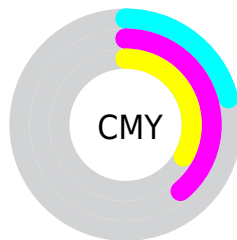


Cyan (0%)

Magenta (22%)

Yellow (15%)

Black (21%)



Cyan (21%)

Magenta (39%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 18.557, 356.940 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, 18.557, 356.940 by changing the saturation by 10% instead.


 69, 18.557,
356.940


 69, 18.557,
356.940


 100, 18.557,
356.940


 59, 18.557,
356.940


 89, 18.557,
356.940

 49, 18.557,
356.940

 99, 18.557,
356.940

 39, 18.557,
356.940

 29, 18.557,
356.940

 19, 18.557,
356.940

 9, 18.557, 356.940

 0, 18.557, 356.940

69, 18.557,
356.940

69, 18.557,
356.940

64, 27.401,
358.254

74, 9.909, 355.808

59, 36.276,
359.813

80, 1.561, 354.585

85, 6.441, 174.106

55, 44.910, 1.711

91, 14.088,
173.304

51, 52.943, 4.072

96, 20.265,
174.528

47, 59.969, 7.054

45, 65.653, 10.830

96, 18.007,
194.830

43, 69.917, 15.526

96, 17.873,
198.322

42, 72.748, 19.808

Harmonies

Complementary

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



69, 18.557, 356.940



78, 17.486, 172.640

Rectangle

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



69, 18.557, 356.940



69, 18.557, 46.940



69, 18.557, 176.940



69, 18.557, 226.940

Sweetspot

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



69, 18.555, 356.944



95, 7.006, 355.293



69, 26.469, 315.593



50, 4.558, 355.359



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, 18.555, 356.944



83, 26.919, 357.502



70, 15.183, 35.733



39, 4.660, 355.537



34, 62.113, 18.871



4, 16.597, 3.313

Inverse Universe

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



69, 18.555, 356.944



83, 26.919, 357.502



76, 13.092, 216.180



39, 4.660, 355.537



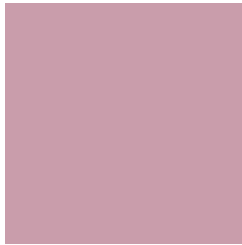
34, 62.113, 18.871



4, 16.597, 3.313

Previews

White Background



This preview shows how the CIELCh color 69, 18.557, 356.940 looks on a white background.

Color Contrast Check

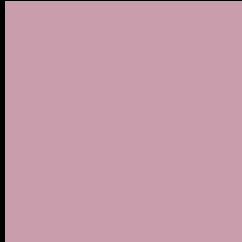
Large Text (above 18pt) WCAG AA × Fail

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, 18.557, 356.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

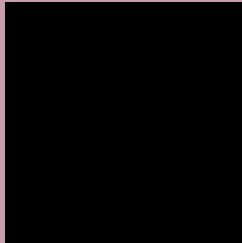
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.557, 356.940

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.557, 356.940.



This preview shows how white text looks on a background with the CIELCh color 69, 18.557, 356.940.

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, 18.557, 356.940

Protanopia
69, 4.966, 294.954

Deuteranopia
69, 8.906, 354.720



Tritanopia
69, 18.205, 0.135

Trichromacy



Original Color
69, 18.557, 356.940

Protanomaly
69, 8.837, 337.140

Deuteranomaly
69, 12.171, 356.705

Tritanomaly
69, 18.373, 358.522

Monochromacy



Original Color
69, 18.557, 356.940

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.927, 351.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.557, 356.940 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(201, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(201, 157, 171)  
}
```

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(201, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 157, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.557, 356.940 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(201, 157, 171) }
```

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

```
.border{ border-color:rgb(201, 157, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(201, 157,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.557, 356.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 157, 171) }
```

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

```
.background{ background-color: rgb(201,  
157, 171) }
```

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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