

Converting Colors

CIELCh(66, 9.603, 314.776)

Have a look what the booklet for
CIELCh(66, 9.603, 314.776) contains.

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Color

CIELCh(66, 9.671, 313.676)

Conversions

Conversions Part 1

Format	Color
Hex	A79DAD
RGB	167, 157, 173
RGB Percent	65%, 62%, 68%
CMY	0.3453, 0.3845, 0.3218
CMYK	0.03, 0.09, 0.00, 0.32
HSL	277°, 9%, 65%
HSV	277°, 9%, 68%
XYZ	35.5136, 35.3238, 44.4573
YIQ	161.8140, 0.8240, 7.0960

Conversions

Conversions Part 2

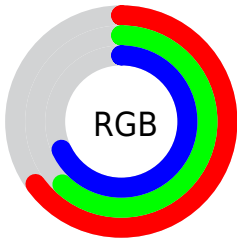
Format	Color
RYB	167, 157, 173
Decimal	10984877
CIELab	66.00, 6.68, -6.99
CIElCh	66, 9.671, 313.676
Yxy	35.3238, 0.3080, 0.3064
Android (android.graphics.Color)	4289174957 (0xFFA79DAD)
YUV	161.8140, 5.5147, 4.5481
Hunter-Lab	59.4338, 2.6502, -2.7460

Details

The CIELCh color $66, 9.671, 313.676$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 9.574, 132.941$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 9.163, 313.584$, and $46, 9.652, 312.973$ is the 20% darker color. If you saturate the color by 10%, you get $61, 20.350, 314.114$, and if you desaturate by 10%, it is $71, 0.766, 133.467$.

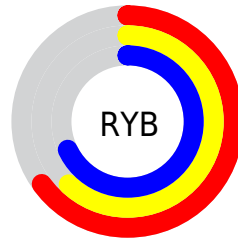
Distribution



Red (65%)

Green (62%)

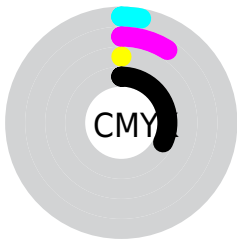
Blue (68%)



Red (65%)

Yellow (62%)

Blue (68%)

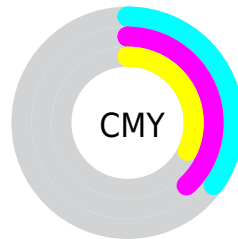


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.671, 313.676 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 66, 9.671, 313.676 by changing the saturation by 10% instead.

■ 66, 9.671, 313.676

■ 66, 9.671, 313.676

■ 100, 9.671,
313.676

■ 56, 9.671, 313.676

■ 86, 9.671, 313.676

■ 46, 9.671, 313.676

■ 96, 9.671, 313.676

■ 36, 9.671, 313.676

■ 26, 9.671, 313.676

■ 16, 9.671, 313.676

■ 6, 9.671, 313.676

■ 0, 9.671, 313.676

■ 66, 9.671, 313.676

■ 66, 9.671, 313.676

■ 61, 20.350,

■ 71, 0.766, 133.467

314.114

76, 10.923,
132.918

56, 31.210,
314.563

81, 20.787,
132.567

51, 42.131,
315.007

86, 30.359,
132.255

46, 52.914,
315.421

91, 39.645,
131.975

42, 63.254,
315.764

95, 45.360,
130.949

38, 72.708,
315.979

95, 44.392,
128.249

35, 80.707,
315.996

96, 43.523,
125.386

32, 86.652,
315.734

96, 42.768,
122.366

30, 90.518,
315.196

Harmonies

Complementary

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



66, 9.671, 313.676



70, 9.574, 132.941

Rectangle

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



66, 9.671, 313.676



66, 9.671, 3.676



66, 9.671, 133.676



66, 9.671, 183.676

Sweetspot

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



66, 9.669, 313.674



87, 3.852, 313.388



67, 5.858, 268.169



46, 2.918, 313.430



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 9.669, 313.674



82, 14.245, 313.759



66, 9.916, 328.289



34, 5.931, 313.677



26, 81.877, 315.276



1, 12.128, 310.087

Inverse Universe

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



66, 6.996, 351.756



83, 10.316, 351.955



69, 9.894, 147.248



34, 4.292, 351.762



31, 57.385, 13.126



2, 8.582, 355.547

Previews

White Background



This preview shows how the CIELCh color 66, 9.671, 313.676 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 66, 9.671, 313.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

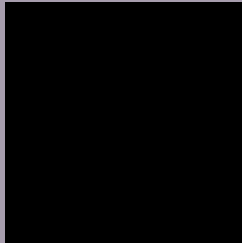
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

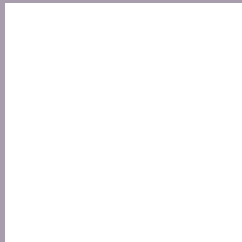
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 9.671, 313.676

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.671, 313.676.



This preview shows how white text looks on a background with the CIELCh color 66, 9.671, 313.676.

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

66, 9.671, 313.676

Protanopia

66, 8.323, 291.053

Deuteranopia

66, 10.834, 319.928



Tritanopia
66, 8.003, 315.782

Trichromacy



Original Color
66, 9.671, 313.676

Protanomaly
66, 9.027, 300.494

Deuteranomaly
66, 10.658, 318.145

Tritanomaly
66, 8.507, 314.213

Monochromacy



Original Color
66, 9.671, 313.676

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 3.672, 314.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.671, 313.676 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(167, 157, 173)` looks like.

```
.text, #text, p{  
    color:rgb(167, 157, 173)  
}
```

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(167, 157, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 157, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.671, 313.676 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(167, 157, 173) }
```

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

```
.border{ border-color:rgb(167, 157, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 157, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 157, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 157, 173);  
box-shadow:4px 4px 4px 4px rgb(167, 157,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.671, 313.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 157, 173) }
```

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

```
.background{ background-color: rgb(167,  
157, 173) }
```

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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