

Converting Colors

CIELCh(63, 35.225, 308.779)

Have a look what the booklet for
CIELCh(63, 35.225, 308.779)
contains.

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Color

CIELCh(63, 34.992, 308.853)

Conversions

Conversions Part 1

Format	Color
Hex	A88DC9
RGB	168, 141, 201
RGB Percent	66%, 55%, 79%
CMY	0.3412, 0.4471, 0.2118
CMYK	0.16, 0.30, 0.00, 0.21
HSL	267°, 36%, 67%
HSV	267°, 30%, 79%
XYZ	36.2109, 31.5869, 59.4405
YIQ	155.9130, -3.1680, 24.3840

Conversions

Conversions Part 2

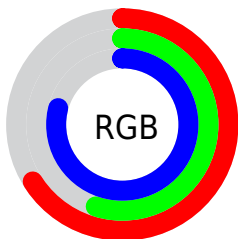
Format	Color
RYB	168, 141, 201
Decimal	11046345
CIELab	63.00, 21.95, -27.25
CIELCh	63, 34.992, 308.853
Yxy	31.5869, 0.2846, 0.2483
Android (android.graphics.Color)	4289236425 (0xFFA88DC9)
YUV	155.9130, 22.2279, 10.6003
Hunter-Lab	56.2022, 16.6530, -23.3646

Details

The CIELCh color $63, 34.992, 308.853$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $78, 33.403, 125.870$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 33.368, 309.636$, and $43, 34.826, 308.597$ is the 20% darker color. If you saturate the color by 10%, you get $57, 47.262, 309.452$, and if you desaturate by 10%, it is $69, 22.949, 308.284$.

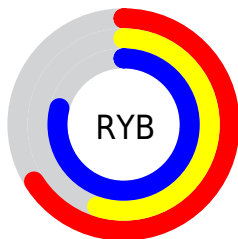
Distribution



Red (66%)

Green (55%)

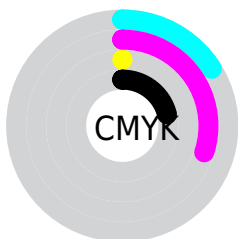
Blue (79%)



Red (66%)

Yellow (55%)

Blue (79%)

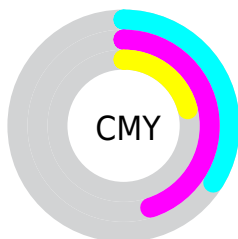


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (21%)



Cyan (34%)


Magenta (45%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 34.992, 308.853 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 63, 34.992, 308.853 by changing the saturation by 10% instead.


 63, 34.992,
308.853


 63, 34.992,
308.853


 100, 34.992,
308.853


 53, 34.992,
308.853


 83, 34.992,
308.853

 43, 34.992,
308.853

 93, 34.992,
308.853

 33, 34.992,
308.853

 23, 34.992,
308.853

 13, 34.992,
308.853

 3, 34.992, 308.853

 0, 34.992, 308.853

63, 34.992,
308.853

63, 34.992,
308.853

57, 47.262,
309.452

69, 22.949,
308.284

51, 59.599,
310.058

75, 11.221,
307.758

46, 71.705,
310.625

81, 0.157, 127.942

41, 83.084,
311.082

87, 11.177,
126.886

36, 92.997,
311.324

93, 21.843,
126.511

33, 100.539,
311.223

97, 28.406,
123.782

30, 105.426,
310.763

98, 27.513,
115.633

30, 105.495,

99, 27.240,
108.109

310.756

Harmonies

Complementary

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



63, 34.992, 308.853



78, 33.403, 125.870

Rectangle

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



63, 34.992, 308.853



63, 34.992, 358.853



63, 34.992, 128.853



63, 34.992, 178.853

Sweetspot

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



63, 34.990, 308.853



93, 12.424, 307.721



70, 17.830, 252.234



49, 8.652, 307.796



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 34.990, 308.853



74, 51.607, 309.250



66, 38.614, 324.127



39, 6.400, 307.734



24, 90.224, 310.924



2, 22.183, 304.163

Inverse Universe

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



65, 28.977, 343.652



77, 42.372, 344.361



76, 38.469, 140.765



39, 5.382, 341.751



35, 61.491, 356.956



4, 18.391, 349.904

Previews

White Background



This preview shows how the CIELCh color 63, 34.992, 308.853 looks on a white background.

Color Contrast Check

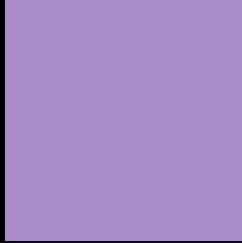
Large Text (above 18pt) WCAG AA × Fail

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 63, 34.992, 308.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

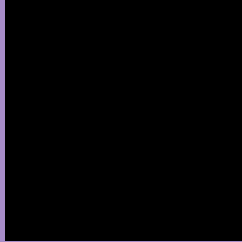
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 34.992, 308.853

Background



This preview shows how black text looks on a background with the CIELCh color 63, 34.992, 308.853.



This preview shows how white text looks on a background with the CIELCh color 63, 34.992, 308.853.

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


63, 34.992, 308.853

Protanopia

63, 32.044, 285.010

Deuteranopia

63, 27.470, 287.578



Tritanopia
63, 8.159, 324.815

Trichromacy



Original Color
63, 34.992, 308.853

Protanomaly
63, 32.505, 294.171

Deuteranomaly
63, 29.763, 295.876

Tritanomaly
63, 18.136, 313.198

Monochromacy



Original Color
63, 34.992, 308.853

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 12.245, 307.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 34.992, 308.853 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(168, 141, 201)` looks like.

```
.text, #text, p{  
    color:rgb(168, 141, 201)  
}
```

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(168, 141, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 141, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 34.992, 308.853 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(168, 141, 201) }
```

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

```
.border{ border-color:rgb(168, 141, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 141, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 141, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 141, 201);  
box-shadow:4px 4px 4px 4px rgb(168, 141,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 34.992, 308.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 141, 201) }
```

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

```
.background{ background-color: rgb(168,  
141, 201) }
```

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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