

Converting Colors

CIELCh(63, 34.997, 304.311)

Have a look what the booklet for
CIELCh(63, 34.997, 304.311)
contains.

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Color

CIELCh(63, 34.892, 304.214)

Conversions

Conversions Part 1

Format	Color
Hex	A28FCC
RGB	162, 143, 204
RGB Percent	64%, 56%, 80%
CMY	0.3656, 0.4400, 0.2009
CMYK	0.21, 0.30, 0.00, 0.20
HSL	259°, 37%, 68%
HSV	259°, 30%, 80%
XYZ	35.5165, 31.5869, 61.2069
YIQ	155.6350, -8.2570, 22.9990

Conversions

Conversions Part 2

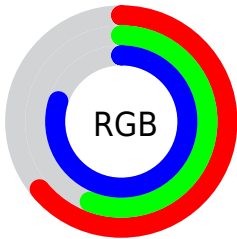
Format	Color
RYB	162, 143, 204
Decimal	10653644
CIELab	63.00, 19.62, -28.85
CIELCh	63, 34.892, 304.214
Yxy	31.5869, 0.2768, 0.2462
Android (android.graphics.Color)	4288843724 (0xFFA28FCC)
YUV	155.6350, 23.8439, 5.5821
Hunter-Lab	56.2022, 14.4475, -25.2280

Details

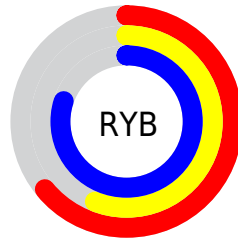
The CIELCh color $63, 34.892, 304.214$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $79, 32.892, 120.527$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 31.639, 305.447$, and $43, 34.836, 303.811$ is the 20% darker color. If you saturate the color by 10%, you get $57, 47.293, 305.036$, and if you desaturate by 10%, it is $69, 22.839, 303.468$.

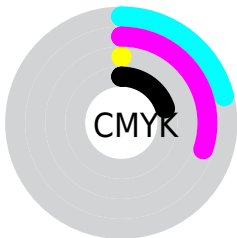
Distribution



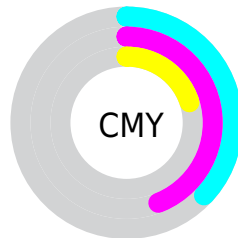
- Red (64%)
- Green (56%)
- Blue (80%)



- Red (64%)
- Yellow (56%)
- Blue (80%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)




- Cyan (37%)
- Magenta (44%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 34.892, 304.214 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, 34.892, 304.214 by changing the saturation by 10% instead.


 63, 34.892,
304.214


 63, 34.892,
304.214


 100, 34.892,
304.214


 53, 34.892,
304.214


 83, 34.892,
304.214

 43, 34.892,
304.214

 93, 34.892,
304.214

 33, 34.892,
304.214

 23, 34.892,
304.214

 13, 34.892,
304.214

 3, 34.892, 304.214

 0, 34.892, 304.214

63, 34.892,
304.214

63, 34.892,
304.214

57, 47.293,
305.036

69, 22.839,
303.468

51, 59.933,
305.916

76, 11.183,
302.803

45, 72.566,
306.811

82, 0.071, 122.975

39, 84.717,
307.641

88, 10.932,
121.723

34, 95.579,
308.279

95, 21.418,
121.280

31, 104.021,
308.551

98, 26.104,
115.634

28, 109.499,
308.417

99, 25.850,
108.216

28, 109.537,

308.416

Harmonies

Complementary

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



63, 34.892, 304.214



79, 32.892, 120.527

Rectangle

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



63, 34.892, 304.214



63, 34.892, 354.214



63, 34.892, 124.214



63, 34.892, 174.214

Sweetspot

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



63, 34.890, 304.214



93, 12.146, 302.753



73, 16.998, 234.515



49, 8.461, 302.845



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, 34.890, 304.214



73, 50.885, 304.744



66, 37.894, 320.131



40, 6.390, 302.770



22, 93.785, 308.553



2, 23.912, 300.475

Inverse Universe

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



66, 32.195, 336.939



78, 46.334, 337.485



77, 37.385, 137.238



40, 6.060, 335.362



37, 66.491, 345.546



4, 22.531, 341.450

Previews

White Background



This preview shows how the CIELCh color 63, 34.892, 304.214 looks on a white background.

Color Contrast Check

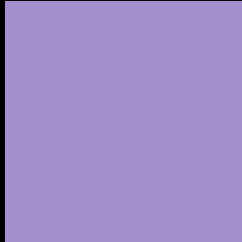
Large Text (above 18pt) WCAG AA × Fail

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 63, 34.892, 304.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

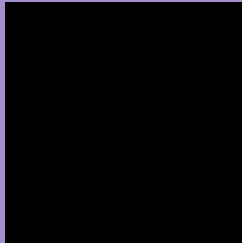
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 34.892, 304.214

Background



This preview shows how black text looks on a background with the CIELCh color 63, 34.892, 304.214.




This preview shows how white text looks on a background with the CIELCh color 63, 34.892, 304.214.

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





Tritanopia
63, 6.830, 300.368

Trichromacy



Original Color
63, 34.892, 304.214

Protanomaly
63, 34.163, 292.694

Deuteranomaly
63, 31.394, 294.086

Tritanomaly
63, 17.184, 302.838

Monochromacy



Original Color
63, 34.892, 304.214

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 12.535, 301.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 34.892, 304.214 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(162, 143, 204)` looks like.

```
.text, #text, p{  
    color:rgb(162, 143, 204)  
}
```

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(162, 143, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 143, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 34.892, 304.214 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(162, 143, 204) }
```

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

```
.border{ border-color:rgb(162, 143, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 143, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 143, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 143, 204);  
box-shadow:4px 4px 4px 4px rgb(162, 143,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 34.892, 304.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 143, 204) }
```

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

```
.background{ background-color: rgb(162,  
143, 204) }
```

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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