

Converting Colors

CIELCh(63, 17.328, 324.053)

Have a look what the booklet for
CIELCh(63, 17.328, 324.053)
contains.

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Color

CIELCh(63, 17.347, 324.182)

Conversions

Conversions Part 1

Format	Color
Hex	AA91AB
RGB	170, 145, 171
RGB Percent	67%, 57%, 67%
CMY	0.3347, 0.4326, 0.3307
CMYK	0.01, 0.15, 0.00, 0.33
HSL	298°, 13%, 62%
HSV	298°, 15%, 67%
XYZ	33.8988, 31.5869, 42.6702
YIQ	155.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

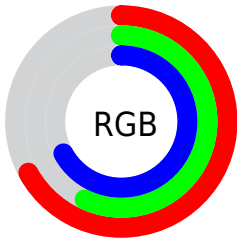
Format	Color
R_{YB}	170, 145, 171
Decimal	11178411
CIE _{Lab}	63.00, 14.07, -10.15
CIE _{LCh}	63, 17.347, 324.182
Yxy	31.5869, 0.3134, 0.2920
Android (android.graphics.Color)	4289368491 (0xFFAA91AB)
YUV	155.4390, 7.6716, 12.7700
Hunter-Lab	56.2022, 9.3097, -5.6729

Details

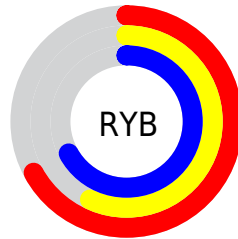
The CIELCh color $63, 17.347, 324.182$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $67, 17.310, 142.547$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 17.083, 324.062$, and $43, 17.840, 324.405$ is the 20% darker color. If you saturate the color by 10%, you get $59, 28.798, 324.697$, and if you desaturate by 10%, it is $67, 5.920, 323.643$.

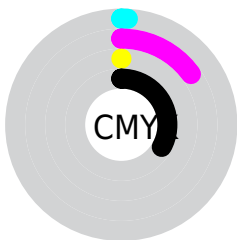
Distribution



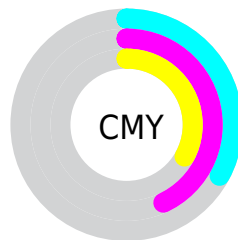
- Red (67%)
- Green (57%)
- Blue (67%)



- Red (67%)
- Yellow (57%)
- Blue (67%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)





- Cyan (33%)
- Magenta (43%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 17.347, 324.182 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, 17.347, 324.182 by changing the saturation by 10% instead.


 63, 17.347,
324.182


 63, 17.347,
324.182


 100, 17.347,
324.182


 53, 17.347,
324.182


 83, 17.347,
324.182

 43, 17.347,
324.182

 93, 17.347,
324.182

 33, 17.347,
324.182

 23, 17.347,
324.182

 13, 17.347,
324.182

 3, 17.347, 324.182

 0, 17.347, 324.182

63, 17.347,
324.182

63, 17.347,
324.182

59, 28.798,
324.697

67, 5.920, 323.643

55, 40.078,
325.191

72, 5.340, 143.213

51, 50.903,
325.648

77, 16.352,
142.691

47, 60.906,
326.050

81, 27.067,
142.212

45, 69.658,
326.377

86, 37.462,
141.760

42, 76.725,
326.609

91, 47.532,
141.334


41, 81.768,
326.732


93, 52.029,
141.047

40, 84.685,

93, 51.901,
140.862

326.742

 93, 51.773,
140.675

 39, 85.698,
326.728

Harmonies

Complementary

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



63, 17.347, 324.182



67, 17.310, 142.547

Rectangle

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



63, 17.347, 324.182



63, 17.347, 14.182



63, 17.347, 144.182



63, 17.347, 194.182

Sweetspot

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



63, 17.345, 324.182



86, 7.010, 323.635



61, 13.903, 289.784



45, 4.823, 323.674



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 17.345, 324.182



78, 25.410, 324.343



63, 12.829, 342.249



33, 6.353, 323.867



34, 77.136, 326.745



2, 11.473, 322.990

Inverse Universe

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



62, 10.359, 17.316



77, 15.329, 17.610



68, 12.638, 159.840



33, 3.725, 16.787



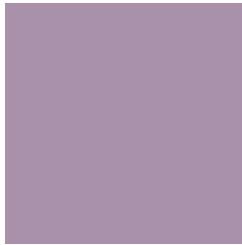
30, 67.659, 37.810



1, 6.584, 16.648

Previews

White Background



This preview shows how the CIELCh color 63, 17.347, 324.182 looks on a white background.

Color Contrast Check

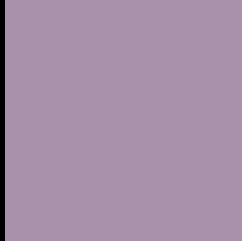
Large Text (above 18pt) WCAG AA × Fail

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, 17.347, 324.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

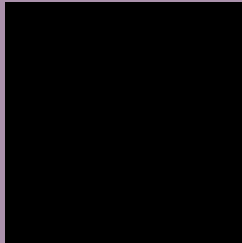
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 17.347, 324.182

Background



This preview shows how black text looks on a background with the CIELCh color 63, 17.347, 324.182.



This preview shows how white text looks on a background with the CIELCh color 63, 17.347, 324.182.

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, 17.347, 324.182

Protanopia

63, 13.441, 288.567

Deuteranopia

63, 13.042, 309.639



Tritanopia
63, 10.188, 343.374

Trichromacy



Original Color
63, 17.347, 324.182

Protanomaly
63, 13.809, 303.834

Deuteranomaly
63, 14.257, 316.145

Tritanomaly
63, 12.967, 333.616

Monochromacy



Original Color
63, 17.347, 324.182

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 6.587, 321.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 17.347, 324.182 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(170, 145, 171)` looks like.

```
.text, #text, p{  
    color:rgb(170, 145, 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(170, 145, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 145, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 17.347, 324.182 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(170, 145, 171) }
```

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

```
.border{ border-color:rgb(170, 145, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 145, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 145, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 145, 171);  
box-shadow:4px 4px 4px 4px rgb(170, 145,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 17.347, 324.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 145, 171) }
```

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

```
.background{ background-color: rgb(170,  
145, 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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