

Converting Colors

CIELCh(63, 17.127, 336.814)

Have a look what the booklet for
CIELCh(63, 17.127, 336.814)
contains.

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Color

CIELCh(63, 17.328, 336.057)

Conversions

Conversions Part 1

Format	Color
Hex	AF8FA5
RGB	175, 143, 165
RGB Percent	69%, 56%, 65%
CMY	0.3127, 0.4382, 0.3520
CMYK	0.00, 0.18, 0.06, 0.31
HSL	319°, 17%, 62%
HSV	319°, 18%, 69%
XYZ	34.4091, 31.5869, 39.9995
YIQ	155.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

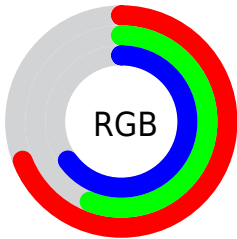
Format	Color
RYB	175, 143, 165
Decimal	11505573
CIELab	63.00, 15.84, -7.03
CIELCh	63, 17.328, 336.057
Yxy	31.5869, 0.3246, 0.2980
Android (android.graphics.Color)	4289695653 (0xFFAF8FA5)
YUV	155.0760, 4.8925, 17.4733
Hunter-Lab	56.2022, 10.9305, -2.8555

Details

The CIELCh color $63, 17.328, 336.057$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 17.184, 153.458$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 17.313, 336.281$, and $43, 16.827, 336.325$ is the 20% darker color. If you saturate the color by 10%, you get $59, 26.878, 336.830$, and if you desaturate by 10%, it is $68, 7.786, 335.319$.

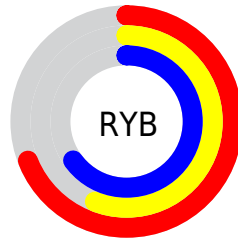
Distribution



Red (69%)

Green (56%)

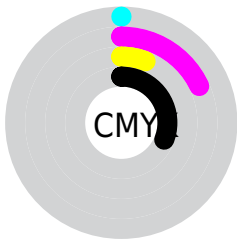
Blue (65%)



Red (69%)

Yellow (56%)

Blue (65%)

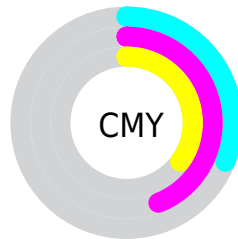


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (31%)



Cyan (31%)


Magenta (44%)

Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 17.328, 336.057 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, 17.328, 336.057 by changing the saturation by 10% instead.


 63, 17.328,
336.057


 63, 17.328,
336.057


 100, 17.328,
336.057


 53, 17.328,
336.057


 83, 17.328,
336.057

 43, 17.328,
336.057

 93, 17.328,
336.057

 33, 17.328,
336.057

 23, 17.328,
336.057

 13, 17.328,
336.057

 3, 17.328, 336.057

 0, 17.328, 336.057

63, 17.328,
336.057

63, 17.328,
336.057

59, 26.878,
336.830

68, 7.786, 335.319

54, 36.246,
337.657

72, 1.612, 154.879

50, 45.143,
338.554

77, 10.793,
154.082

47, 53.196,
339.546

82, 19.717,
153.473

44, 59.960,
340.668

87, 28.367,
152.907

42, 64.993,
341.973

92, 36.743,
152.377


40, 67.979,
343.532


94, 38.527,
153.924

39, 69.047,

94, 36.502,
156.954

345.396

 94, 34.567,
160.312

 39, 69.182,
345.731

Harmonies

Complementary

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



63, 17.328, 336.057



69, 17.184, 153.458

Rectangle

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



63, 17.328, 336.057



63, 17.328, 26.057



63, 17.328, 156.057



63, 17.328, 206.057

Sweetspot

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



63, 17.326, 336.058



87, 5.800, 335.076



61, 18.430, 302.934



46, 3.991, 335.131



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



63, 17.326, 336.058



78, 25.796, 336.370



63, 13.141, 5.026



34, 5.293, 335.396



33, 61.974, 345.449



2, 10.393, 338.819

Inverse Universe

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



63, 17.326, 336.058



78, 25.796, 336.370



69, 12.224, 181.653



34, 5.293, 335.396



33, 61.974, 345.449



2, 10.393, 338.819

Previews

White Background



This preview shows how the CIELCh color 63, 17.328, 336.057 looks on a white background.

Color Contrast Check

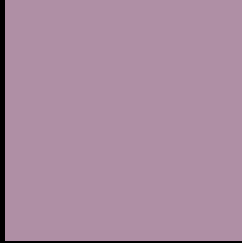
Large Text (above 18pt) WCAG AA × Fail

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, 17.328, 336.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

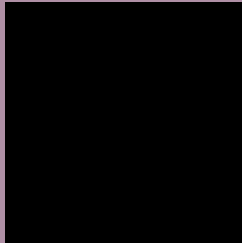
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 17.328, 336.057

Background



This preview shows how black text looks on a background with the CIELCh color 63, 17.328, 336.057.



This preview shows how white text looks on a background with the CIELCh color 63, 17.328, 336.057.

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, 17.328, 336.057

Protanopia

63, 10.082, 287.118

Deuteranopia

63, 10.451, 321.438



Tritanopia
63, 12.849, 352.254

Trichromacy



Original Color
63, 17.328, 336.057

Protanomaly
63, 11.323, 310.462

Deuteranomaly
63, 12.889, 329.328

Tritanomaly
63, 14.305, 345.102

Monochromacy



Original Color
63, 17.328, 336.057

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.168, 333.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 17.328, 336.057 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(175, 143, 165)` looks like.

```
.text, #text, p{  
    color:rgb(175, 143, 165)  
}
```

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(175, 143, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 143, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 17.328, 336.057 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(175, 143, 165) }
```

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

```
.border{ border-color:rgb(175, 143, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 143, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 143, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 143, 165);  
box-shadow:4px 4px 4px 4px rgb(175, 143,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 17.328, 336.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 143, 165) }
```

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

```
.background{ background-color: rgb(175,  
143, 165) }
```

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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