

Converting Colors

CIELCh(63, 16.102, 336.149)

Have a look what the booklet for
CIELCh(63, 16.102, 336.149)
contains.

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Color

CIELCh(63, 16.018, 336.876)

Conversions

Conversions Part 1

Format	Color
Hex	AE90A4
RGB	174, 144, 164
RGB Percent	68%, 56%, 64%
CMY	0.3180, 0.4356, 0.3572
CMYK	0.00, 0.17, 0.06, 0.32
HSL	320°, 16%, 62%
HSV	320°, 17%, 68%
XYZ	34.0898, 31.5869, 39.3815
YIQ	155.2500, 11.4600, 12.5800

Conversions

Conversions Part 2

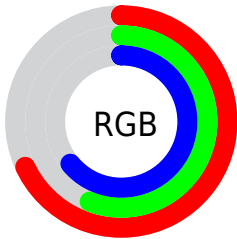
Format	Color
RYB	174, 144, 164
Decimal	11440292
CIELab	63.00, 14.73, -6.29
CIElCh	63, 16.018, 336.876
Yxy	31.5869, 0.3245, 0.3007
Android (android.graphics.Color)	4289630372 (0xFFAE90A4)
YUV	155.2500, 4.3138, 16.4438
Hunter-Lab	56.2022, 9.9163, -2.2035

Details

The CIELCh color $63, 16.018, 336.876$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 15.874, 154.393$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 16.068, 337.098$, and $43, 16.144, 336.755$ is the 20% darker color. If you saturate the color by 10%, you get $59, 25.387, 337.668$, and if you desaturate by 10%, it is $68, 6.681, 336.121$.

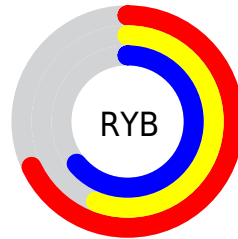
Distribution



Red (68%)

Green (56%)

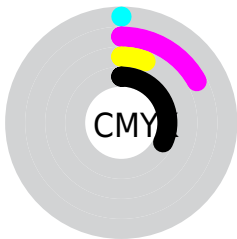
Blue (64%)



Red (68%)

Yellow (56%)

Blue (64%)

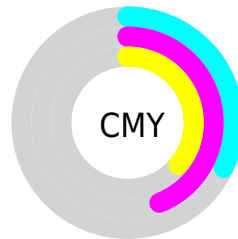


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (32%)



Cyan (32%)


Magenta (44%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 16.018, 336.876 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, 16.018, 336.876 by changing the saturation by 10% instead.


 63, 16.018,
336.876


 63, 16.018,
336.876


 100, 16.018,
336.876


 53, 16.018,
336.876


 83, 16.018,
336.876

 43, 16.018,
336.876

 93, 16.018,
336.876

 33, 16.018,
336.876

 23, 16.018,
336.876

 13, 16.018,
336.876

 3, 16.018, 336.876

 0, 16.018, 336.876

63, 16.018,
336.876

63, 16.018,
336.876

59, 25.387,
337.668

68, 6.681, 336.121

54, 34.607,
338.518

72, 2.501, 155.611

50, 43.408,
339.447

77, 11.460,
154.873

47, 51.428,
340.481

82, 20.161,
154.260

44, 58.234,
341.660

87, 28.591,
153.691

41, 63.383,
343.043

92, 36.752,
153.159


40, 66.540,
344.707


94, 38.500,
154.797

39, 67.729,

94, 36.384,
158.060

346.723

 94, 34.373,
161.694

 38, 67.944,
347.304

Harmonies

Complementary

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



63, 16.018, 336.876



68, 15.874, 154.393

Rectangle

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



63, 16.018, 336.876



63, 16.018, 26.876



63, 16.018, 156.876



63, 16.018, 206.876

Sweetspot

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



63, 16.016, 336.877



87, 5.714, 335.949



62, 17.339, 304.048



46, 3.932, 336.005



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, 16.016, 336.877



78, 24.262, 337.197



63, 12.190, 7.447



34, 5.215, 336.277



33, 61.206, 347.008



2, 10.225, 339.900

Inverse Universe

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



63, 16.016, 336.877



78, 24.262, 337.197



69, 11.309, 184.383



34, 5.215, 336.277



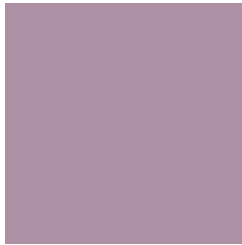
33, 61.206, 347.008



2, 10.225, 339.900

Previews

White Background



This preview shows how the CIELCh color 63, 16.018, 336.876 looks on a white background.

Color Contrast Check

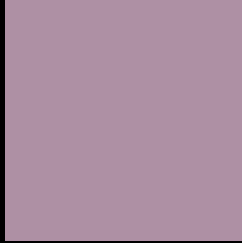
Large Text (above 18pt) WCAG AA × Fail

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, 16.018, 336.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

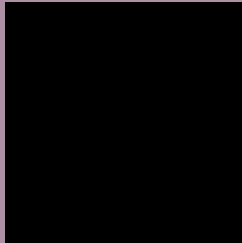
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 16.018, 336.876

Background



This preview shows how black text looks on a background with the CIELCh color 63, 16.018, 336.876.



This preview shows how white text looks on a background with the CIELCh color 63, 16.018, 336.876.

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, 16.018, 336.876

Protanopia
63, 9.510, 289.000

Deuteranopia
63, 10.185, 324.914



Tritanopia
63, 12.505, 351.340

Trichromacy



Original Color
63, 16.018, 336.876

Protanomaly
63, 10.798, 311.430

Deuteranomaly
63, 11.787, 331.240

Tritanomaly
63, 13.352, 345.002

Monochromacy



Original Color
63, 16.018, 336.876

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.779, 337.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 16.018, 336.876 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(174, 144, 164)` looks like.

```
.text, #text, p{  
    color:rgb(174, 144, 164)  
}
```

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(174, 144, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 144, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 16.018, 336.876 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(174, 144, 164) }
```

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

```
.border{ border-color:rgb(174, 144, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 144, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 144, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 144, 164);  
box-shadow:4px 4px 4px 4px rgb(174, 144,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 16.018, 336.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 144, 164) }
```

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

```
.background{ background-color: rgb(174,  
144, 164) }
```

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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