

Converting Colors

CIELCh(63, 16.328, 330.828)

Have a look what the booklet for
CIELCh(63, 16.328, 330.828)
contains.

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Color

CIELCh(63, 16.699, 330.764)

Conversions

Conversions Part 1

Format	Color
Hex	AC90A7
RGB	172, 144, 167
RGB Percent	67%, 56%, 65%
CMY	0.3248, 0.4346, 0.3444
CMYK	0.00, 0.16, 0.03, 0.32
HSL	311°, 14%, 62%
HSV	311°, 16%, 68%
XYZ	34.0440, 31.5869, 40.9483
YIQ	154.9940, 9.3050, 13.0890

Conversions

Conversions Part 2

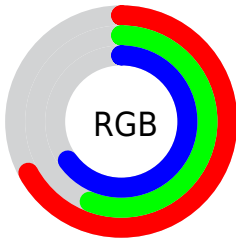
Format	Color
R_{YB}	172, 144, 167
Decimal	11309223
CIE _{Lab}	63.00, 14.57, -8.16
CIE _{LCh}	63, 16.699, 330.764
Yxy	31.5869, 0.3194, 0.2964
Android (android.graphics.Color)	4289499303 (0xFFAC90A7)
YUV	154.9940, 5.9190, 14.9143
Hunter-Lab	56.2022, 9.7707, -3.8565

Details

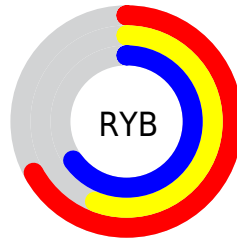
The CIELCh color $63, 16.699, 330.764$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 16.645, 148.727$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 16.697, 331.334$, and $43, 17.143, 331.348$ is the 20% darker color. If you saturate the color by 10%, you get $59, 27.013, 331.404$, and if you desaturate by 10%, it is $68, 6.394, 330.125$.

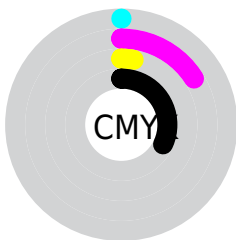
Distribution



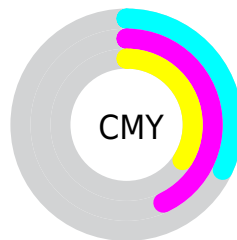
- Red (67%)
- Green (56%)
- Blue (65%)



- Red (67%)
- Yellow (56%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (32%)





- Cyan (32%)
- Magenta (43%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 16.699, 330.764 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, 16.699, 330.764 by changing the saturation by 10% instead.


 63, 16.699,
330.764


 63, 16.699,
330.764


 100, 16.699,
330.764


 53, 16.699,
330.764


 83, 16.699,
330.764

 43, 16.699,
330.764

 93, 16.699,
330.764

 33, 16.699,
330.764

 23, 16.699,
330.764

 13, 16.699,
330.764

 3, 16.699, 330.764

 0, 16.699, 330.764

63, 16.699,
330.764

63, 16.699,
330.764

59, 27.013,
331.404

68, 6.394, 330.125

55, 37.143,
332.056

72, 3.766, 149.648

51, 46.804,
332.721

77, 13.701,
149.029

47, 55.630,
333.402

82, 23.370,
148.479

44, 63.187,
334.102

86, 32.751,
147.962

42, 69.036,
334.835

91, 41.842,
147.473


40, 72.843,
335.623

93, 45.022,
147.960

39, 74.558,

93, 43.796,
149.235

336.493

 94, 42.584,
150.579

 39, 74.970,
336.828

Harmonies

Complementary

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



63, 16.699, 330.764



68, 16.645, 148.727

Rectangle

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



63, 16.699, 330.764



63, 16.699, 20.764



63, 16.699, 150.764



63, 16.699, 200.764

Sweetspot

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



63, 16.697, 330.765



86, 6.326, 330.044



61, 15.911, 297.985



45, 4.312, 330.091



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, 16.697, 330.765



78, 25.504, 331.025



63, 12.125, 355.235



34, 5.824, 330.323



34, 67.983, 336.717



2, 11.658, 332.177

Inverse Universe

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



63, 16.697, 330.765



78, 25.504, 331.025



68, 11.641, 172.221



34, 5.824, 330.323



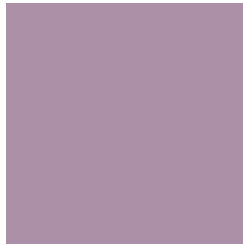
34, 67.983, 336.717



2, 11.658, 332.177

Previews

White Background



This preview shows how the CIELCh color 63, 16.699, 330.764 looks on a white background.

Color Contrast Check

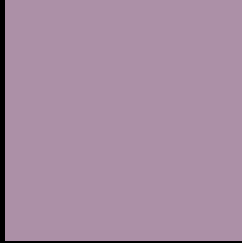
Large Text (above 18pt) WCAG AA × Fail

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, 16.699, 330.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

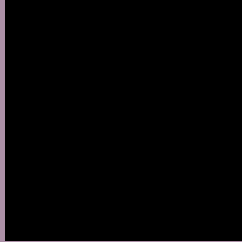
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 16.699, 330.764

Background



This preview shows how black text looks on a background with the CIELCh color 63, 16.699, 330.764.



This preview shows how white text looks on a background with the CIELCh color 63, 16.699, 330.764.

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, 16.699, 330.764

Protanopia

63, 11.757, 289.683

Deuteranopia

63, 11.253, 316.868



Tritanopia
63, 11.481, 348.288

Trichromacy



Original Color
63, 16.699, 330.764

Protanomaly
63, 12.274, 307.128

Deuteranomaly
63, 12.668, 323.588

Tritanomaly
63, 13.419, 339.035

Monochromacy



Original Color
63, 16.699, 330.764

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.911, 330.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 16.699, 330.764 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(172, 144, 167)` looks like.

```
.text, #text, p{  
    color:rgb(172, 144, 167)  
}
```

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(172, 144, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 144, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 16.699, 330.764 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(172, 144, 167) }
```

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

```
.border{ border-color:rgb(172, 144, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 144, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 144, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 144, 167);  
box-shadow:4px 4px 4px 4px rgb(172, 144,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 16.699, 330.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 144, 167) }
```

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

```
.background{ background-color: rgb(172,  
144, 167) }
```

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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