

Converting Colors

CIELCh(63, 21.489, 325.461)

Have a look what the booklet for
CIELCh(63, 21.489, 325.461)
contains.

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Color

CIELCh(63, 21.550, 325.424)

Conversions

Conversions Part 1

Format	Color
Hex	AE8EAE
RGB	174, 142, 174
RGB Percent	68%, 56%, 68%
CMY	0.3160, 0.4415, 0.3160
CMYK	0.00, 0.18, 0.00, 0.32
HSL	300°, 17%, 62%
HSV	300°, 18%, 68%
XYZ	34.9645, 31.5869, 44.5135
YIQ	155.2160, 8.8000, 16.7360

Conversions

Conversions Part 2

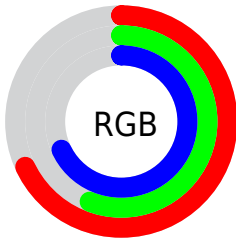
Format	Color
RYB	174, 142, 174
Decimal	11439790
CIELab	63.00, 17.74, -12.23
CIELCh	63, 21.550, 325.424
Yxy	31.5869, 0.3148, 0.2844
Android (android.graphics.Color)	4289629870 (0xFFAE8EAE)
YUV	155.2160, 9.2605, 16.4736
Hunter-Lab	56.2022, 12.6942, -7.6176

Details

The CIELCh color $63, 21.550, 325.424$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 21.531, 143.307$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 21.712, 325.242$, and $43, 21.363, 324.775$ is the 20% darker color. If you saturate the color by 10%, you get $59, 33.276, 325.959$, and if you desaturate by 10%, it is $67, 9.766, 324.871$.

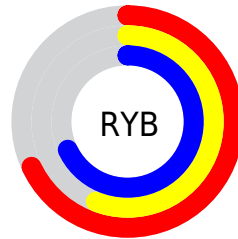
Distribution



Red (68%)

Green (56%)

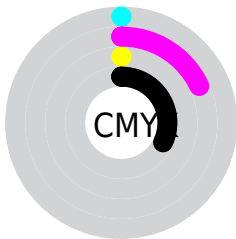
Blue (68%)



Red (68%)

Yellow (56%)

Blue (68%)

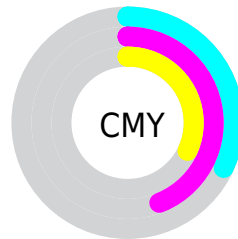


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (32%)



Cyan (32%)


Magenta (44%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 21.550, 325.424 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, 21.550, 325.424 by changing the saturation by 10% instead.


 63, 21.550,
325.424


 63, 21.550,
325.424


 100, 21.550,
325.424


 53, 21.550,
325.424


 83, 21.550,
325.424

 43, 21.550,
325.424

 93, 21.550,
325.424

 33, 21.550,
325.424

 23, 21.550,
325.424

 13, 21.550,
325.424

 3, 21.550, 325.424

 0, 21.550, 325.424

63, 21.550,
325.424

63, 21.550,
325.424

59, 33.276,
325.959

67, 9.766, 324.871

55, 44.705,
326.469

72, 1.900, 144.480

51, 55.506,
326.940

77, 13.337,
143.847

48, 65.272,
327.355

81, 24.481,
143.330

45, 73.561,
327.699

86, 35.295,
142.840

43, 79.972,
327.959

91, 45.768,
142.377


42, 84.253,
328.130


93, 50.419,
142.175

42, 86.591,

93, 50.419,
142.176

328.223

 93, 50.418,
142.176

 41, 86.922,
328.236

Harmonies

Complementary

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



63, 21.550, 325.424



68, 21.531, 143.307

Rectangle

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



63, 21.550, 325.424



63, 21.550, 15.424



63, 21.550, 145.424



63, 21.550, 195.424

Sweetspot

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



63, 21.548, 325.424



87, 8.677, 324.741



60, 18.097, 292.189



46, 5.804, 324.778



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, 21.548, 325.424



78, 32.011, 325.642



63, 15.274, 345.209



34, 6.590, 324.925



35, 77.957, 328.236



2, 13.856, 324.442

Inverse Universe

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



63, 21.548, 325.424



78, 32.011, 325.642



69, 14.931, 162.093



34, 6.590, 324.925



35, 77.957, 328.236



2, 13.856, 324.442

Previews

White Background



This preview shows how the CIELCh color 63, 21.550, 325.424 looks on a white background.

Color Contrast Check

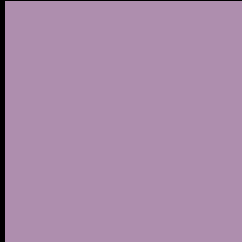
Large Text (above 18pt) WCAG AA × Fail

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, 21.550, 325.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

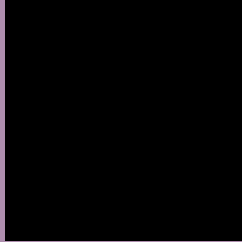
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 21.550, 325.424

Background



This preview shows how black text looks on a background with the CIELCh color 63, 21.550, 325.424.



This preview shows how white text looks on a background with the CIELCh color 63, 21.550, 325.424.

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, 21.550, 325.424

Protanopia

63, 16.262, 286.948

Deuteranopia

63, 13.893, 305.320



Tritanopia
63, 12.437, 348.132

Trichromacy



Original Color
63, 21.550, 325.424

Protanomaly
63, 17.184, 302.838

Deuteranomaly
63, 16.438, 314.102

Tritanomaly
63, 15.372, 337.345

Monochromacy



Original Color
63, 21.550, 325.424

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.140, 324.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 21.550, 325.424 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, 142, 174)` looks like.

```
.text, #text, p{  
    color:rgb(174, 142, 174)  
}
```

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, 142, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 142, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 21.550, 325.424 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, 142, 174) }
```

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

```
.border{ border-color:rgb(174, 142, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 142, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 142, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 142, 174);  
box-shadow:4px 4px 4px 4px rgb(174, 142,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 21.550, 325.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 142, 174) }
```

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

```
.background{ background-color: rgb(174,  
142, 174) }
```

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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