

Converting Colors

CIELCh(63, 16.655, 321.062)

Have a look what the booklet for
CIELCh(63, 16.655, 321.062)
contains.

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Color

CIELCh(63, 16.778, 320.851)

Conversions

Conversions Part 1

Format	Color
Hex	A791AB
RGB	167, 145, 171
RGB Percent	65%, 57%, 67%
CMY	0.3435, 0.4298, 0.3278
CMYK	0.02, 0.15, 0.00, 0.33
HSL	291°, 13%, 62%
HSV	291°, 15%, 67%
XYZ	33.5971, 31.5869, 43.0570
YIQ	154.5420, 4.7660, 12.7500

Conversions

Conversions Part 2

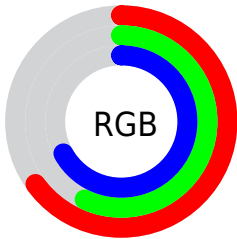
Format	Color
R_{YB}	167, 145, 171
Decimal	10981803
CIE _{Lab}	63.00, 13.01, -10.59
CIE _{LCh}	63, 16.778, 320.851
Yxy	31.5869, 0.3104, 0.2918
Android (android.graphics.Color)	4289171883 (0xFFA791AB)
YUV	154.5420, 8.1138, 10.9257
Hunter-Lab	56.2022, 8.3516, -6.0810

Details

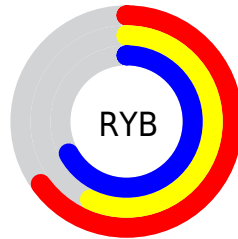
The CIELCh color $63, 16.778, 320.851$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 16.680, 139.431$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 16.532, 320.878$, and $43, 17.256, 320.904$ is the 20% darker color. If you saturate the color by 10%, you get $58, 27.968, 321.310$, and if you desaturate by 10%, it is $68, 5.677, 320.373$.

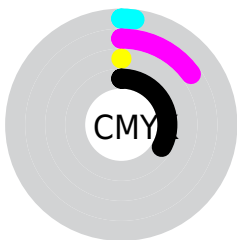
Distribution



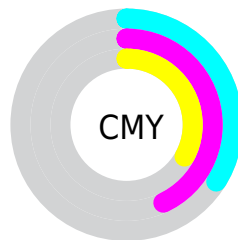
- Red (65%)
- Green (57%)
- Blue (67%)



- Red (65%)
- Yellow (57%)
- Blue (67%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)





- Cyan (34%)
- Magenta (43%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 16.778, 320.851 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, 16.778, 320.851 by changing the saturation by 10% instead.


 63, 16.778,
320.851


 63, 16.778,
320.851


 100, 16.778,
320.851


 53, 16.778,
320.851


 83, 16.778,
320.851

 43, 16.778,
320.851

 93, 16.778,
320.851

 33, 16.778,
320.851

 23, 16.778,
320.851

 13, 16.778,
320.851

 3, 16.778, 320.851

 0, 16.778, 320.851

63, 16.778,
320.851

63, 16.778,
320.851

58, 27.968,
321.310

68, 5.677, 320.373

54, 39.091,
321.751

72, 5.225, 140.001

50, 49.905,
322.155

77, 15.870,
139.549

46, 60.075,
322.494

82, 26.227,
139.142

43, 69.176,
322.736

87, 36.282,
138.763

40, 76.732,
322.847

92, 46.034,
138.412


38, 82.307,
322.789

94, 49.499,
137.770

37, 85.673,

94, 49.013,
136.906

322.540

 94, 48.536,
136.016

 36, 86.893,
322.388

Harmonies

Complementary

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



63, 16.778, 320.851



68, 16.680, 139.431

Rectangle

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



63, 16.778, 320.851



63, 16.778, 10.851



63, 16.778, 140.851



63, 16.778, 190.851

Sweetspot

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



63, 16.776, 320.851



85, 6.768, 320.368



62, 12.224, 284.163



45, 4.657, 320.403



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, 16.776, 320.851



78, 24.595, 320.996



63, 13.907, 336.717



34, 6.291, 320.576



31, 78.928, 322.447



2, 12.971, 318.389

Inverse Universe

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



63, 10.505, 8.207



78, 15.507, 8.557



68, 13.796, 154.567



34, 3.891, 7.590



31, 64.068, 31.807



2, 7.949, 9.090

Previews

White Background



This preview shows how the CIELCh color 63, 16.778, 320.851 looks on a white background.

Color Contrast Check

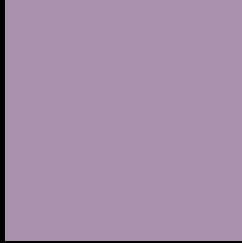
Large Text (above 18pt) WCAG AA × Fail

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, 16.778, 320.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

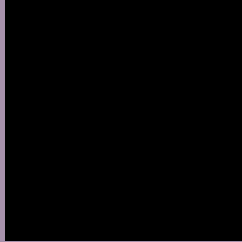
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 16.778, 320.851

Background



This preview shows how black text looks on a background with the CIELCh color 63, 16.778, 320.851.



This preview shows how white text looks on a background with the CIELCh color 63, 16.778, 320.851.

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, 16.778, 320.851

Protanopia

63, 13.458, 287.048

Deuteranopia

63, 12.914, 308.064



Tritanopia
63, 9.280, 338.883

Trichromacy



Original Color
63, 16.778, 320.851

Protanomaly
63, 14.219, 300.497

Deuteranomaly
63, 13.947, 313.323

Tritanomaly
63, 12.210, 329.526

Monochromacy



Original Color
63, 16.778, 320.851

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.906, 321.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 16.778, 320.851 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(167, 145, 171)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 145, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 145, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 16.778, 320.851 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(167, 145, 171) }
```

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

```
.border{ border-color:rgb(167, 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(167, 145, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 145, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 145, 171);  
box-shadow:4px 4px 4px 4px rgb(167, 145,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 16.778, 320.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 145, 171) }
```

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

```
.background{ background-color: rgb(167,  
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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