

Converting Colors

CIELCh(63, 23.130, 328.457)

Have a look what the booklet for
CIELCh(63, 23.130, 328.457)
contains.

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Color

CIELCh(63, 23.060, 328.710)

Conversions

Conversions Part 1

Format	Color
Hex	B28DAE
RGB	178, 141, 174
RGB Percent	70%, 55%, 68%
CMY	0.3018, 0.4469, 0.3175
CMYK	0.00, 0.21, 0.02, 0.30
HSL	306°, 19%, 63%
HSV	306°, 21%, 70%
XYZ	35.5421, 31.5869, 44.2864
YIQ	155.8250, 11.4590, 18.1070

Conversions

Conversions Part 2

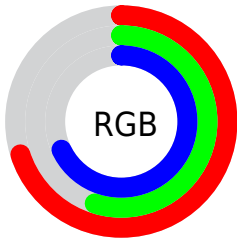
Format	Color
R_{YB}	178, 141, 174
Decimal	11701678
CIE _{Lab}	63.00, 19.71, -11.98
CIE _{LCh}	63, 23.060, 328.710
Yxy	31.5869, 0.3190, 0.2835
Android (android.graphics.Color)	4289891758 (0xFFB28DAE)
YUV	155.8250, 8.9603, 19.4475
Hunter-Lab	56.2022, 14.5289, -7.3779

Details

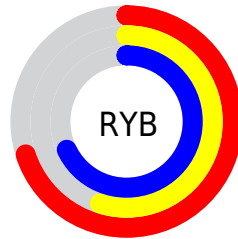
The CIELCh color $63, 23.060, 328.710$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 23.017, 146.150$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 23.161, 328.310$, and $43, 22.916, 328.416$ is the 20% darker color. If you saturate the color by 10%, you get $59, 34.111, 329.302$, and if you desaturate by 10%, it is $68, 11.917, 328.116$.

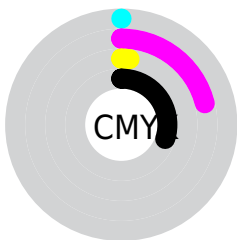
Distribution



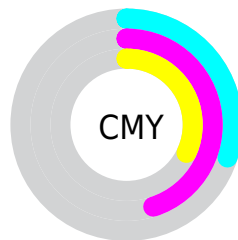
- Red (70%)
- Green (55%)
- Blue (68%)



- Red (70%)
- Yellow (55%)
- Blue (68%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (30%)





- Cyan (30%)
- Magenta (45%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 23.060, 328.710 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, 23.060, 328.710 by changing the saturation by 10% instead.


 63, 23.060,
328.710


 63, 23.060,
328.710


 100, 23.060,
328.710


 53, 23.060,
328.710


 83, 23.060,
328.710

 43, 23.060,
328.710

 93, 23.060,
328.710

 33, 23.060,
328.710

 23, 23.060,
328.710

 13, 23.060,
328.710

 3, 23.060, 328.710

 0, 23.060, 328.710

63, 23.060,
328.710

63, 23.060,
328.710

59, 34.111,
329.302

68, 11.917,
328.116

55, 44.824,
329.888

72, 0.864, 327.264

77, 9.989, 147.037

51, 54.853,
330.463

82, 20.574,
146.489

48, 63.776,
331.019

87, 30.857,
145.974

45, 71.137,
331.554

92, 40.825,
145.486

43, 76.529,
332.071


94, 44.260,
145.748

42, 79.722,
332.579

94, 43.474,
146.519

41, 81.100,

333.051

 94, 42.693,
147.315

Harmonies

Complementary

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



63, 23.060, 328.710



69, 23.017, 146.150

Rectangle

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



63, 23.060, 328.710



63, 23.060, 18.710



63, 23.060, 148.710



63, 23.060, 198.710

Sweetspot

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



63, 23.058, 328.710



89, 8.203, 327.830



60, 20.997, 296.038



47, 5.487, 327.871



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 23.058, 328.710



78, 34.412, 328.986



62, 16.604, 351.388



35, 6.268, 328.029



35, 72.598, 332.988



2, 14.557, 329.146

Inverse Universe

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



63, 23.058, 328.710



78, 34.412, 328.986



70, 15.948, 167.514



35, 6.268, 328.029



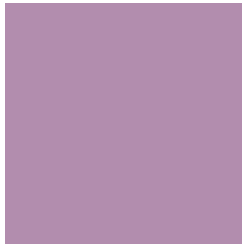
35, 72.598, 332.988



2, 14.557, 329.146

Previews

White Background



This preview shows how the CIELCh color 63, 23.060, 328.710 looks on a white background.

Color Contrast Check

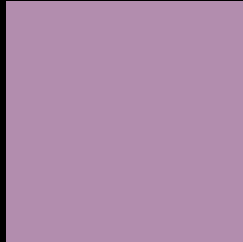
Large Text (above 18pt) WCAG AA × Fail

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, 23.060, 328.710 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, 23.060, 328.710

Background



This preview shows how black text looks on a background with the CIELCh color 63, 23.060, 328.710.



This preview shows how white text looks on a background with the CIELCh color 63, 23.060, 328.710.

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, 23.060, 328.710

Protanopia

63, 16.818, 287.185

Deuteranopia

63, 13.893, 305.320



Tritanopia
63, 13.801, 351.869

Trichromacy



Original Color
63, 23.060, 328.710

Protanomaly
63, 17.902, 304.821

Deuteranomaly
63, 16.750, 316.492

Tritanomaly
63, 16.874, 339.772

Monochromacy



Original Color
63, 23.060, 328.710

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.360, 326.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 23.060, 328.710 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(178, 141, 174)` looks like.

```
.text, #text, p{  
    color:rgb(178, 141, 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(178, 141, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 141, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 23.060, 328.710 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(178, 141, 174) }
```

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

```
.border{ border-color:rgb(178, 141, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 141, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 141, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 141, 174);  
box-shadow:4px 4px 4px 4px rgb(178, 141,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 23.060, 328.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 141, 174) }
```

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

```
.background{ background-color: rgb(178,  
141, 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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