

Converting Colors

CIELCh(60, 30.804, 323.410)

Have a look what the booklet for
CIELCh(60, 30.804, 323.410)
contains.

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Color

CIELCh(60, 30.836, 323.416)

Conversions

Conversions Part 1

Format	Color
Hex	AD82B1
RGB	173, 130, 177
RGB Percent	68%, 51%, 69%
CMY	0.3206, 0.4893, 0.3049
CMYK	0.02, 0.27, 0.00, 0.30
HSL	295°, 23%, 60%
HSV	295°, 27%, 70%
XYZ	33.2614, 28.1233, 45.3976
YIQ	148.2150, 10.5410, 23.7330

Conversions

Conversions Part 2

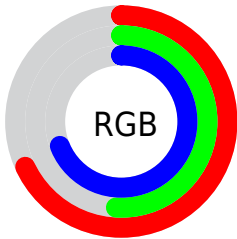
Format	Color
RYB	173, 130, 177
Decimal	11371185
CIELab	60.00, 24.76, -18.38
CIELCh	60, 30.836, 323.416
Yxy	28.1233, 0.3115, 0.2634
Android (android.graphics.Color)	4289561265 (0xFFAD82B1)
YUV	148.2150, 14.1910, 21.7364
Hunter-Lab	53.0314, 19.1504, -13.6333

Details

The CIELCh color $60, 30.836, 323.416$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 30.691, 140.567$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 31.184, 323.336$, and $40, 30.714, 323.612$ is the 20% darker color. If you saturate the color by 10%, you get $56, 42.343, 323.882$, and if you desaturate by 10%, it is $65, 19.157, 322.928$.

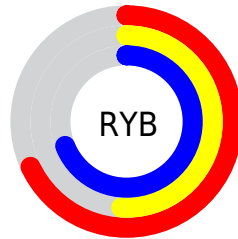
Distribution



Red (68%)

Green (51%)

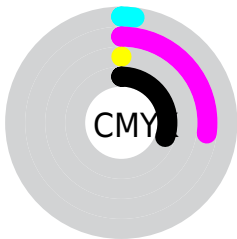
Blue (69%)



Red (68%)

Yellow (51%)

Blue (69%)

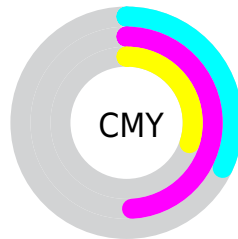


Cyan (2%)

Magenta (27%)

Yellow (0%)

Black (30%)



Cyan (32%)


Magenta (49%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 30.836, 323.416 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 60, 30.836, 323.416 by changing the saturation by 10% instead.


 60, 30.836,
323.416


 60, 30.836,
323.416


 100, 30.836,
323.416


 50, 30.836,
323.416


 80, 30.836,
323.416

 40, 30.836,
323.416

 90, 30.836,
323.416

 30, 30.836,
323.416

 20, 30.836,
323.416

 10, 30.836,
323.416

 0, 30.836, 323.416

 60, 30.836,

 60, 30.836,

323.416

56, 42.343,
323.882

52, 53.396,
324.306

48, 63.615,
324.667

45, 72.547,
324.939

43, 79.727,
325.095

41, 84.787,
325.113

40, 87.656,
324.989

39, 88.435,
324.932

323.416

65, 19.157,
322.928

69, 7.515, 322.421

74, 3.957, 142.022


79, 15.179,
141.514

84, 26.101,
141.061

89, 36.704,
140.636

94, 46.982,
140.238

94, 47.097,
139.751

 94, 46.807,
139.251

Harmonies

Complementary

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



60, 30.836, 323.416



68, 30.691, 140.567

Rectangle

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



60, 30.836, 323.416



60, 30.836, 13.416



60, 30.836, 143.416



60, 30.836, 193.416

Sweetspot

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



60, 30.834, 323.416



86, 11.387, 322.505



57, 24.144, 289.142



45, 8.092, 322.581



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 30.834, 323.416



73, 45.858, 323.700



60, 23.991, 340.743



35, 6.577, 322.567



34, 79.341, 324.969



2, 15.625, 320.954

Inverse Universe

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



59, 19.350, 14.885



72, 29.331, 15.694



68, 23.541, 156.417



35, 3.929, 13.039



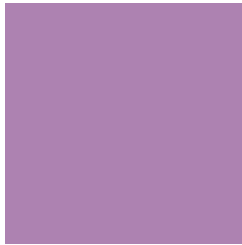
31, 67.797, 35.932



2, 9.209, 13.955

Previews

White Background



This preview shows how the CIELCh color 60, 30.836, 323.416 looks on a white background.

Color Contrast Check

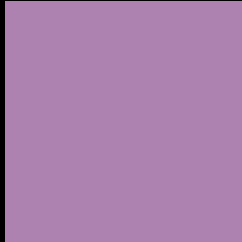
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 30.836, 323.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

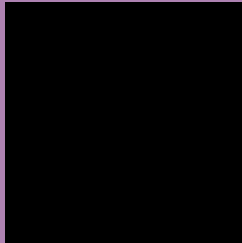
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 30.836, 323.416

Background



This preview shows how black text looks on a background with the CIELCh color 60, 30.836, 323.416.



This preview shows how white text looks on a background with the CIELCh color 60, 30.836, 323.416.

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
60, 30.836, 323.416

Protanopia
60, 24.388, 285.745

Deuteranopia
60, 18.687, 294.419



Tritanopia
60, 14.415, 355.598

Trichromacy



Original Color
60, 30.836, 323.416

Protanomaly
60, 25.800, 300.704

Deuteranomaly
60, 22.444, 308.280

Tritanomaly
60, 19.614, 338.021

Monochromacy



Original Color
60, 30.836, 323.416

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.199, 321.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 30.836, 323.416 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(173, 130, 177)` looks like.

```
.text, #text, p{  
    color:rgb(173, 130, 177)  
}
```

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(173, 130, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 130, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 30.836, 323.416 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(173, 130, 177) }
```

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

```
.border{ border-color:rgb(173, 130, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 130, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 130, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 130, 177);  
box-shadow:4px 4px 4px 4px rgb(173, 130,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 30.836, 323.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 130, 177) }
```

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

```
.background{ background-color: rgb(173,  
130, 177) }
```

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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