

Converting Colors

CIELCh(60, 27.327, 326.755)

Have a look what the booklet for
CIELCh(60, 27.327, 326.755)
contains.

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Color

CIELCh(60, 27.433, 327.075)

Conversions

Conversions Part 1

Format	Color
Hex	AD83AB
RGB	173, 131, 171
RGB Percent	68%, 51%, 67%
CMY	0.3209, 0.4857, 0.3288
CMYK	0.00, 0.24, 0.01, 0.32
HSL	303°, 20%, 60%
HSV	303°, 24%, 68%
XYZ	32.7727, 28.1233, 42.3099
YIQ	148.1180, 12.1920, 21.3440

Conversions

Conversions Part 2

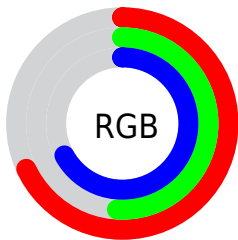
Format	Color
R_{YB}	173, 131, 171
Decimal	11371435
CIE _{Lab}	60.00, 23.03, -14.91
CIE _{LCh}	60, 27.433, 327.075
Yxy	28.1233, 0.3175, 0.2725
Android (android.graphics.Color)	4289561515 (0xFFAD83AB)
YUV	148.1180, 11.2808, 21.8215
Hunter-Lab	53.0314, 17.5056, -10.1811

Details

The CIELCh color $60, 27.433, 327.075$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67, 27.410, 144.135$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 27.525, 327.395$, and $40, 27.579, 326.834$ is the 20% darker color. If you saturate the color by 10%, you get $56, 38.595, 327.623$, and if you desaturate by 10%, it is $64, 16.091, 326.515$.

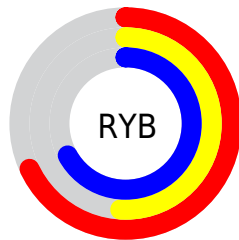
Distribution



Red (68%)

Green (51%)

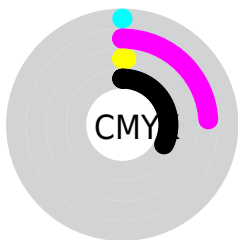
Blue (67%)



Red (68%)

Yellow (51%)

Blue (67%)

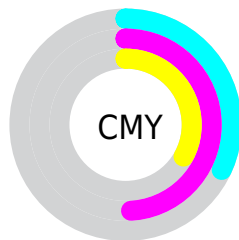


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (32%)



Cyan (32%)


Magenta (49%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 27.433, 327.075 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, 27.433, 327.075 by changing the saturation by 10% instead.


 60, 27.433,
327.075


 60, 27.433,
327.075


 100, 27.433,
327.075


 50, 27.433,
327.075


 80, 27.433,
327.075

 40, 27.433,
327.075

 90, 27.433,
327.075

 30, 27.433,
327.075

 20, 27.433,
327.075

 10, 27.433,
327.075

 0, 27.433, 327.075

 60, 27.433,

 60, 27.433,

327.075

56, 38.595,
327.623

52, 49.297,
328.148

49, 59.170,
328.639

46, 67.782,
329.083

44, 74.699,
329.471

42, 79.584,
329.798

41, 82.317,
330.070

41, 83.307,
330.212

327.075

64, 16.091,
326.515

69, 4.779, 325.926

73, 6.367, 145.471


78, 17.263,
144.919

83, 27.862,
144.407

88, 38.140,
143.921

93, 48.093,
143.462

93, 49.285,
143.631

 93, 48.944,
143.912

Harmonies

Complementary

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



60, 27.433, 327.075



67, 27.410, 144.135

Rectangle

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



60, 27.433, 327.075



60, 27.433, 17.075



60, 27.433, 147.075



60, 27.433, 197.075

Sweetspot

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



60, 27.431, 327.075



85, 9.717, 326.104



56, 24.079, 294.116



45, 6.308, 326.137



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 27.431, 327.075



74, 40.444, 327.365



59, 19.759, 347.704



34, 6.380, 326.232



35, 75.148, 330.189



2, 13.212, 326.365

Inverse Universe

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



60, 27.431, 327.075



74, 40.444, 327.365



67, 19.080, 163.303



34, 6.380, 326.232



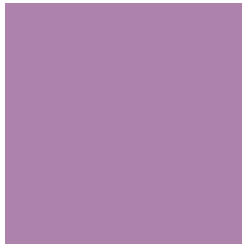
35, 75.148, 330.189



2, 13.212, 326.365

Previews

White Background



This preview shows how the CIELCh color 60, 27.433, 327.075 looks on a white background.

Color Contrast Check

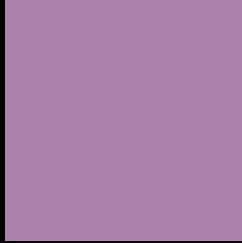
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 27.433, 327.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

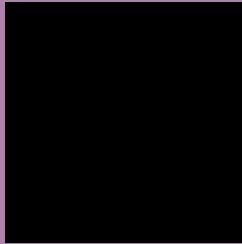
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 27.433, 327.075

Background



This preview shows how black text looks on a background with the CIELCh color 60, 27.433, 327.075.



This preview shows how white text looks on a background with the CIELCh color 60, 27.433, 327.075.

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, 27.433, 327.075

Protanopia
60, 20.981, 285.916

Deuteranopia
60, 16.036, 299.733



Tritanopia
60, 14.582, 358.359

Trichromacy



Original Color
60, 27.433, 327.075

Protanomaly
60, 21.938, 302.794

Deuteranomaly
60, 20.157, 313.502

Tritanomaly
60, 18.565, 341.921

Monochromacy



Original Color
60, 27.433, 327.075

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 9.802, 326.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 27.433, 327.075 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, 131, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 131, 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(173, 131, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 131, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 27.433, 327.075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

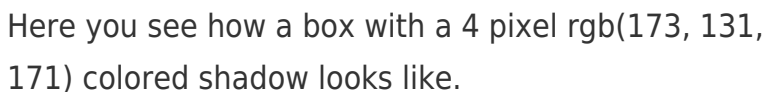
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 131, 171) }
```

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

```
.border{ border-color:rgb(173, 131, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 131, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 131, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 131, 171); box-shadow:4px 4px 4px 4px rgb(173, 131, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 27.433, 327.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 131, 171) }
```

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

```
.background{ background-color: rgb(173,  
131, 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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