

Converting Colors

CIELCh(60, 23.159, 333.885)

Have a look what the booklet for
CIELCh(60, 23.159, 333.885)
contains.

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Color

CIELCh(60, 23.382, 333.659)

Conversions

Conversions Part 1

Format	Color
Hex	AD84A3
RGB	173, 132, 163
RGB Percent	68%, 52%, 64%
CMY	0.3207, 0.4815, 0.3599
CMYK	0.00, 0.24, 0.06, 0.32
HSL	315°, 20%, 60%
HSV	315°, 24%, 68%
XYZ	32.1950, 28.1233, 38.4862
YIQ	147.7930, 14.4850, 18.3330

Conversions

Conversions Part 2

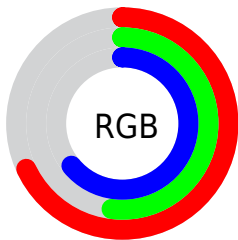
Format	Color
RYB	173, 132, 163
Decimal	11371683
CIELab	60.00, 20.95, -10.37
CIELCh	60, 23.382, 333.659
Yxy	28.1233, 0.3258, 0.2846
Android (android.graphics.Color)	4289561763 (0xFFAD84A3)
YUV	147.7930, 7.4971, 22.1065
Hunter-Lab	53.0314, 15.5609, -5.9061

Details

The CIELCh color $60, 23.382, 333.659$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67, 23.238, 150.388$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 23.687, 333.608$, and $40, 23.265, 333.875$ is the 20% darker color. If you saturate the color by 10%, you get $56, 33.198, 334.376$, and if you desaturate by 10%, it is $64, 13.453, 332.971$.

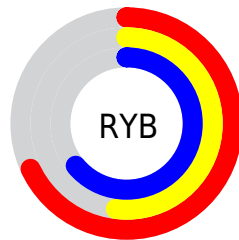
Distribution



Red (68%)

Green (52%)

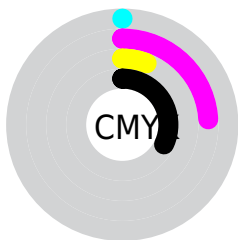
Blue (64%)



Red (68%)

Yellow (52%)

Blue (64%)

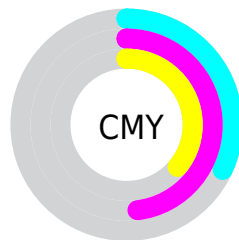


Cyan (0%)

Magenta (24%)

Yellow (6%)

Black (32%)



Cyan (32%)


Magenta (48%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 23.382, 333.659 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, 23.382, 333.659 by changing the saturation by 10% instead.

 60, 23.382,
333.659


 60, 23.382,
333.659


 100, 23.382,
333.659


 50, 23.382,
333.659


 80, 23.382,
333.659

 40, 23.382,
333.659

 90, 23.382,
333.659

 30, 23.382,
333.659

 20, 23.382,
333.659

 10, 23.382,
333.659

 0, 23.382, 333.659

 60, 23.382,

 60, 23.382,

333.659

56, 33.198,
334.376

52, 42.658,
335.128

48, 51.419,
335.924

45, 59.061,
336.780

42, 65.135,
337.721

41, 69.255,
338.786

39, 71.242,
340.025

39, 71.793,
340.880

333.659

64, 13.453,
332.971

69, 3.591, 332.265

74, 6.099, 151.777


79, 15.553,
151.163

83, 24.738,
150.602

88, 33.643,
150.075

93, 42.269,
149.578

94, 41.502,
151.273

 94, 39.878,
153.318

Harmonies

Complementary

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



60, 23.382, 333.659



67, 23.238, 150.388

Rectangle

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



60, 23.382, 333.659



60, 23.382, 23.659



60, 23.382, 153.659



60, 23.382, 203.659

Sweetspot

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



60, 23.380, 333.660



85, 8.464, 332.524



57, 23.730, 301.002



45, 5.495, 332.563



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, 23.380, 333.660



74, 34.131, 334.000



59, 17.454, 0.764



34, 5.559, 332.675



33, 64.842, 340.700



2, 11.001, 335.341

Inverse Universe

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



60, 23.380, 333.660



74, 34.131, 334.000



68, 16.166, 176.098



34, 5.559, 332.675



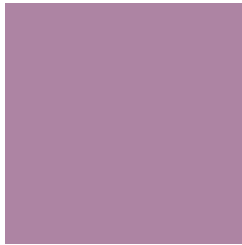
33, 64.842, 340.700



2, 11.001, 335.341

Previews

White Background



This preview shows how the CIELCh color 60, 23.382, 333.659 looks on a white background.

Color Contrast Check

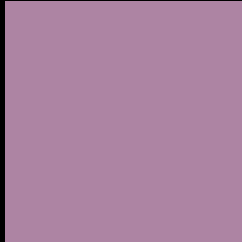
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.382, 333.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

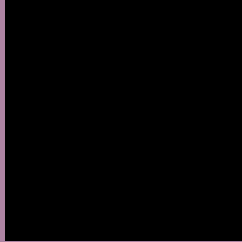
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 23.382, 333.659

Background



This preview shows how black text looks on a background with the CIELCh color 60, 23.382, 333.659.



This preview shows how white text looks on a background with the CIELCh color 60, 23.382, 333.659.

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, 23.382, 333.659

Protanopia

60, 15.310, 285.207

Deuteranopia

60, 12.502, 308.817



Tritanopia
60, 15.530, 357.684

Trichromacy



Original Color
60, 23.382, 333.659

Protanomaly
60, 16.413, 306.110

Deuteranomaly
60, 15.766, 321.680

Tritanomaly
60, 17.941, 347.068

Monochromacy



Original Color
60, 23.382, 333.659

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.928, 331.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 23.382, 333.659 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, 132, 163)` looks like.

```
.text, #text, p{  
    color:rgb(173, 132, 163)  
}
```

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, 132, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 132, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 23.382, 333.659 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, 132, 163) }
```

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

```
.border{ border-color:rgb(173, 132, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 132, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 132, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 132, 163);  
box-shadow:4px 4px 4px 4px rgb(173, 132,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 23.382, 333.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 132, 163) }
```

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

```
.background{ background-color: rgb(173,  
132, 163) }
```

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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