

Converting Colors

CIELCh(59, 23.623, 332.001)

Have a look what the booklet for
CIELCh(59, 23.623, 332.001)
contains.

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Color

CIELCh(59, 23.597, 331.993)

Conversions

Conversions Part 1

Format	Color
Hex	AA82A2
RGB	170, 130, 162
RGB Percent	67%, 51%, 64%
CMY	0.3342, 0.4910, 0.3656
CMYK	0.00, 0.24, 0.05, 0.33
HSL	312°, 19%, 59%
HSV	312°, 24%, 67%
XYZ	30.9826, 27.0277, 37.6607
YIQ	145.6080, 13.5680, 18.4320

Conversions

Conversions Part 2

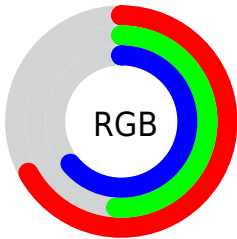
Format	Color
RYB	170, 130, 162
Decimal	11174562
CIELab	59.00, 20.83, -11.08
CIELCh	59, 23.597, 331.993
Yxy	27.0277, 0.3238, 0.2825
Android (android.graphics.Color)	4289364642 (0xFFAA82A2)
YUV	145.6080, 8.0813, 21.3918
Hunter-Lab	51.9882, 15.3985, -6.5584

Details

The CIELCh color $59, 23.597, 331.993$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $66, 23.496, 148.863$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 23.877, 332.059$, and $39, 23.517, 332.064$ is the 20% darker color. If you saturate the color by 10%, you get $55, 33.541, 332.662$, and if you desaturate by 10%, it is $63, 13.532, 331.342$.

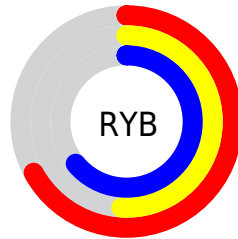
Distribution



Red (67%)

Green (51%)

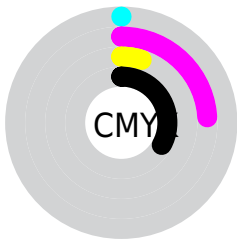
Blue (64%)



Red (67%)

Yellow (51%)

Blue (64%)

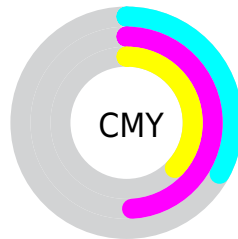


Cyan (0%)

Magenta (24%)

Yellow (5%)

Black (33%)



Cyan (33%)


Magenta (49%)


Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 23.597, 331.993 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 59, 23.597, 331.993 by changing the saturation by 10% instead.


 59, 23.597,
331.993


 59, 23.597,
331.993


 100, 23.597,
331.993


 49, 23.597,
331.993


 79, 23.597,
331.993

 39, 23.597,
331.993

 89, 23.597,
331.993

 29, 23.597,
331.993

 99, 23.597,
331.993

 19, 23.597,
331.993

 9, 23.597, 331.993

 0, 23.597, 331.993

59, 23.597,
331.993

59, 23.597,
331.993

55, 33.541,
332.662

63, 13.532,
331.342

51, 43.120,
333.350

68, 3.526, 330.666

47, 51.993,
334.062

73, 6.311, 150.193

77, 15.914,
149.600

44, 59.748,
334.805

82, 25.249,
149.054

42, 65.945,
335.593

87, 34.301,
148.540

40, 70.208,
336.451

91, 43.073,
148.054

39, 72.360,
337.414

93, 45.449,
148.726

38, 73.031,

338.080

 93, 44.106,
150.145

Harmonies

Complementary

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



59, 23.597, 331.993



66, 23.496, 148.863

Rectangle

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



59, 23.597, 331.993



59, 23.597, 21.993



59, 23.597, 151.993



59, 23.597, 201.993

Sweetspot

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



59, 23.595, 331.994



84, 8.654, 330.923



56, 23.127, 299.243



45, 5.670, 330.961



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 23.595, 331.994



73, 34.861, 332.322



58, 17.428, 357.214



33, 5.596, 331.065



33, 66.101, 337.946



2, 9.712, 332.761

Inverse Universe

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



59, 23.595, 331.994



73, 34.861, 332.322



66, 16.355, 172.597



33, 5.596, 331.065



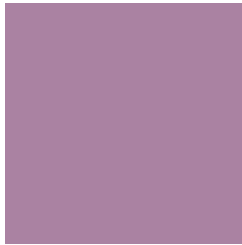
33, 66.101, 337.946



2, 9.712, 332.761

Previews

White Background



This preview shows how the CIELCh color 59, 23.597, 331.993 looks on a white background.

Color Contrast Check

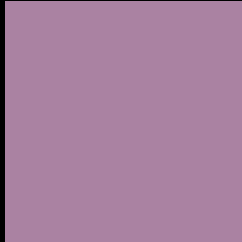
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 23.597, 331.993 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 59, 23.597, 331.993

Background



This preview shows how black text looks on a background with the CIELCh color 59, 23.597, 331.993.



This preview shows how white text looks on a background with the CIELCh color 59, 23.597, 331.993.

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


59, 23.597, 331.993

Protanopia

59, 15.929, 285.569

Deuteranopia

59, 13.089, 308.105



Tritanopia
59, 14.639, 358.398

Trichromacy



Original Color
59, 23.597, 331.993

Protanomaly
59, 17.023, 305.680

Deuteranomaly
59, 16.798, 319.736

Tritanomaly
59, 17.342, 345.502

Monochromacy



Original Color
59, 23.597, 331.993

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 8.960, 331.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 23.597, 331.993 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(170, 130, 162)` looks like.

```
.text, #text, p{  
    color:rgb(170, 130, 162)  
}
```

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(170, 130, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 130, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 23.597, 331.993 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(170, 130, 162) }
```

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

```
.border{ border-color:rgb(170, 130, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 130, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 130, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 130, 162);  
box-shadow:4px 4px 4px 4px rgb(170, 130,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 23.597, 331.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 130, 162) }
```

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

```
.background{ background-color: rgb(170,  
130, 162) }
```

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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