

Converting Colors

CIELCh(59, 23.255, 316.196)

Have a look what the booklet for
CIELCh(59, 23.255, 316.196)
contains.

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Color

CIELCh(59, 23.146, 316.727)

Conversions

Conversions Part 1

Format	Color
Hex	9F85AA
RGB	159, 133, 170
RGB Percent	62%, 52%, 67%
CMY	0.3767, 0.4786, 0.3335
CMYK	0.06, 0.22, 0.00, 0.33
HSL	282°, 18%, 59%
HSV	282°, 22%, 67%
XYZ	29.9197, 27.0277, 41.6445
YIQ	144.9920, 3.6190, 17.0190

Conversions

Conversions Part 2

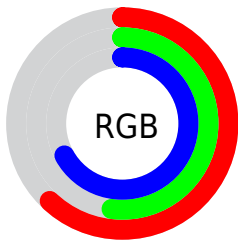
Format	Color
RYB	159, 133, 170
Decimal	10454442
CIELab	59.00, 16.85, -15.87
CIELCh	59, 23.146, 316.727
Yxy	27.0277, 0.3035, 0.2741
Android (android.graphics.Color)	4288644522 (0xFF9F85AA)
YUV	144.9920, 12.3289, 12.2850
Hunter-Lab	51.9882, 11.7490, -11.1018

Details

The CIELCh color $59, 23.146, 316.727$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $67, 22.778, 134.839$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 23.160, 317.031$, and $39, 23.426, 316.487$ is the 20% darker color. If you saturate the color by 10%, you get $54, 33.989, 317.158$, and if you desaturate by 10%, it is $64, 12.398, 316.292$.

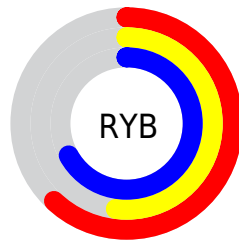
Distribution



Red (62%)

Green (52%)

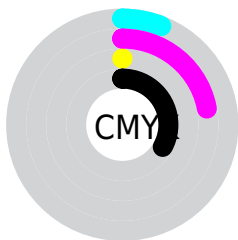
Blue (67%)



Red (62%)

Yellow (52%)

Blue (67%)

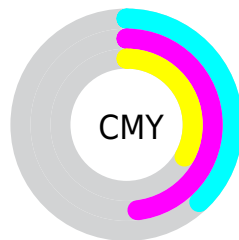


Cyan (6%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (38%)


Magenta (48%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 23.146, 316.727 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, 23.146, 316.727 by changing the saturation by 10% instead.


 59, 23.146,
316.727


 59, 23.146,
316.727


 100, 23.146,
316.727


 49, 23.146,
316.727


 79, 23.146,
316.727

 39, 23.146,
316.727

 89, 23.146,
316.727

 29, 23.146,
316.727

 99, 23.146,
316.727

 19, 23.146,
316.727

 9, 23.146, 316.727

 0, 23.146, 316.727

59, 23.146,
316.727

59, 23.146,
316.727

54, 33.989,
317.158

64, 12.398,
316.292

50, 44.775,
317.570

69, 1.848, 315.805

45, 55.253,
317.932

74, 8.451, 135.519

41, 65.069,
318.206

79, 18.472,
135.145

38, 73.750,
318.338

84, 28.206,
134.807

35, 80.753,
318.268

89, 37.653,
134.501


33, 85.599,
317.934

93, 46.821,
134.225

31, 88.283,

95, 47.756,
132.676

317.507

 95, 46.944,
130.754

Harmonies

Complementary

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



59, 23.146, 316.727



67, 22.778, 134.839

Rectangle

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



59, 23.146, 316.727



59, 23.146, 6.727



59, 23.146, 136.727



59, 23.146, 186.727

Sweetspot

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



59, 23.144, 316.727



84, 9.117, 316.089



60, 15.046, 276.733



45, 5.975, 316.115



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, 23.144, 316.727



73, 34.453, 316.931



60, 21.819, 331.877



33, 5.900, 316.184



27, 79.664, 317.613



1, 10.463, 313.410

Inverse Universe

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



59, 15.939, 358.346



73, 23.831, 358.933



66, 21.730, 149.012



33, 4.014, 356.952



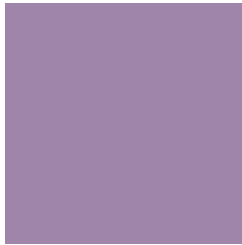
31, 58.162, 20.254



2, 7.043, 359.087

Previews

White Background



This preview shows how the CIELCh color 59, 23.146, 316.727 looks on a white background.

Color Contrast Check

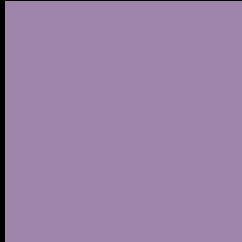
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.146, 316.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

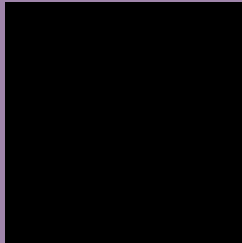
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 23.146, 316.727

Background



This preview shows how black text looks on a background with the CIELCh color 59, 23.146, 316.727.



This preview shows how white text looks on a background with the CIELCh color 59, 23.146, 316.727.

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, 23.146, 316.727

Protanopia

59, 19.356, 285.131

Deuteranopia

59, 17.115, 296.913



Tritanopia
59, 9.699, 340.527

Trichromacy



Original Color
59, 23.146, 316.727

Protanomaly
59, 19.991, 297.499

Deuteranomaly
59, 18.755, 305.619

Tritanomaly
59, 13.930, 326.458

Monochromacy



Original Color
59, 23.146, 316.727

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.156, 315.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 23.146, 316.727 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(159, 133, 170)` looks like.

```
.text, #text, p{  
    color:rgb(159, 133, 170)  
}
```

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(159, 133, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 133, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 23.146, 316.727 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(159, 133, 170) }
```

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

```
.border{ border-color:rgb(159, 133, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 133, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 133, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 133, 170); box-shadow:4px 4px 4px 4px rgb(159, 133, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 23.146, 316.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 133, 170) }
```

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

```
.background{ background-color: rgb(159,  
133, 170) }
```

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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