

Converting Colors

CIELCh(59, 20.205, 311.656)

Have a look what the booklet for
CIELCh(59, 20.205, 311.656)
contains.

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Color

CIELCh(59, 20.486, 310.985)

Conversions

Conversions Part 1

Format	Color
Hex	9987A9
RGB	153, 135, 169
RGB Percent	60%, 53%, 66%
CMY	0.3994, 0.4700, 0.3366
CMYK	0.09, 0.20, 0.00, 0.34
HSL	272°, 17%, 60%
HSV	272°, 20%, 66%
XYZ	29.0271, 27.0277, 41.2999
YIQ	144.2580, -0.1860, 14.3900

Conversions

Conversions Part 2

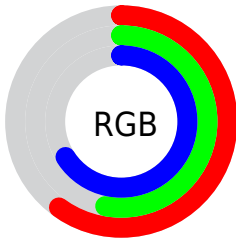
Format	Color
RYB	153, 135, 169
Decimal	10061737
CIELab	59.00, 13.44, -15.46
CIElCh	59, 20.486, 310.985
Yxy	27.0277, 0.2982, 0.2776
Android (android.graphics.Color)	4288251817 (0xFF9987A9)
YUV	144.2580, 12.1978, 7.6667
Hunter-Lab	51.9882, 8.6843, -10.7088

Details

The CIELCh color $59, 20.486, 310.985$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $67, 19.974, 129.208$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 20.592, 311.686$, and $39, 20.778, 311.358$ is the 20% darker color. If you saturate the color by 10%, you get $54, 31.033, 311.480$, and if you desaturate by 10%, it is $64, 10.160, 310.513$.

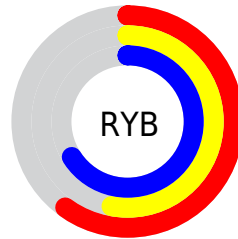
Distribution



Red (60%)

Green (53%)

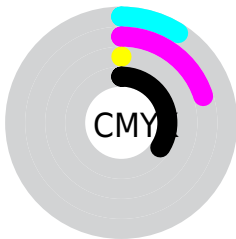
Blue (66%)



Red (60%)

Yellow (53%)

Blue (66%)

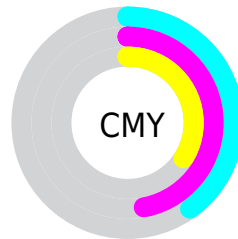


Cyan (9%)

Magenta (20%)

Yellow (0%)

Black (34%)



Cyan (40%)


Magenta (47%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 20.486, 310.985 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, 20.486, 310.985 by changing the saturation by 10% instead.


 59, 20.486,
310.985


 59, 20.486,
310.985


 100, 20.486,
310.985


 49, 20.486,
310.985


 79, 20.486,
310.985

 39, 20.486,
310.985

 89, 20.486,
310.985

 29, 20.486,
310.985

 99, 20.486,
310.985

 19, 20.486,
310.985

 9, 20.486, 310.985

 0, 20.486, 310.985

59, 20.486,
310.985

59, 20.486,
310.985

54, 31.033,
311.480

64, 10.160,
310.513

49, 41.715,
311.988

69, 0.109, 309.057

44, 52.365,
312.481

74, 9.651, 129.717

40, 62.705,
312.917

80, 19.115,
129.362

35, 72.309,
313.232

85, 28.289,
129.050

32, 80.582,
313.339

90, 37.184,
128.776


29, 86.844,
313.135

95, 45.811,
128.536

27, 91.116,

96, 45.542,
125.458

312.661

 96, 44.615,
121.904

Harmonies

Complementary

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



59, 20.486, 310.985



67, 19.974, 129.208

Rectangle

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



59, 20.486, 310.985



59, 20.486, 0.985



59, 20.486, 130.985



59, 20.486, 180.985

Sweetspot

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



59, 20.484, 310.984



84, 7.416, 310.329



62, 11.317, 260.076



44, 4.915, 310.358



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 20.484, 310.984



72, 30.369, 311.196



60, 22.769, 325.968



33, 5.662, 310.475



23, 82.464, 312.785



1, 10.057, 307.525

Inverse Universe

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



60, 16.043, 347.041



74, 23.748, 347.488



66, 22.751, 143.619



33, 4.442, 346.000



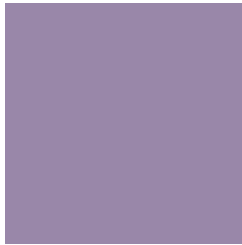
31, 56.317, 3.937



2, 7.672, 349.104

Previews

White Background



This preview shows how the CIELCh color 59, 20.486, 310.985 looks on a white background.

Color Contrast Check

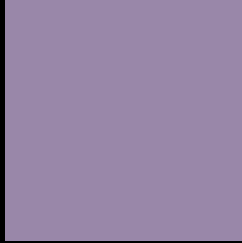
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.486, 310.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

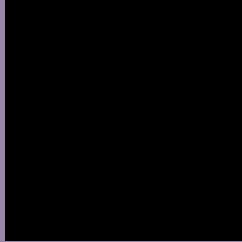
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 20.486, 310.985

Background



This preview shows how black text looks on a background with the CIELCh color 59, 20.486, 310.985.



This preview shows how white text looks on a background with the CIELCh color 59, 20.486, 310.985.

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

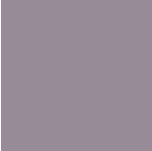
59, 20.486, 310.985

Protanopia

59, 18.203, 285.593

Deuteranopia

59, 16.551, 297.032



Tritanopia
59, 7.576, 324.805

Trichromacy



Original Color
59, 20.486, 310.985

Protanomaly
59, 18.779, 295.537

Deuteranomaly
59, 17.397, 302.902

Tritanomaly
59, 11.899, 315.715

Monochromacy



Original Color
59, 20.486, 310.985

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 7.202, 309.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 20.486, 310.985 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(153, 135, 169)` looks like.

```
.text, #text, p{  
    color:rgb(153, 135, 169)  
}
```

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(153, 135, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 135, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 20.486, 310.985 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(153, 135, 169) }
```

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

```
.border{ border-color:rgb(153, 135, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 135, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 135, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 135, 169);  
box-shadow:4px 4px 4px 4px rgb(153, 135,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 20.486, 310.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 135, 169) }
```

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

```
.background{ background-color: rgb(153,  
135, 169) }
```

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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