

Converting Colors

CIELCh(59, 20.943, 300.375)

Have a look what the booklet for
CIELCh(59, 20.943, 300.375)
contains.

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Color

CIELCh(59, 21.266, 300.196)

Conversions

Conversions Part 1

Format	Color
Hex	9189AE
RGB	145, 137, 174
RGB Percent	57%, 54%, 68%
CMY	0.4308, 0.4622, 0.3170
CMYK	0.17, 0.21, 0.00, 0.32
HSL	253°, 19%, 61%
HSV	253°, 21%, 68%
XYZ	28.3242, 27.0277, 43.8460
YIQ	143.6100, -7.1090, 13.2030

Conversions

Conversions Part 2

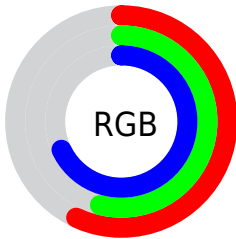
Format	Color
R_{YB}	145, 137, 174
Decimal	9537966
CIE Lab	59.00, 10.70, -18.38
CIE LCh	59, 21.266, 300.196
Yxy	27.0277, 0.2855, 0.2725
Android (android.graphics.Color)	4287728046 (0xFF9189AE)
YUV	143.6100, 14.9823, 1.2190
Hunter-Lab	51.9882, 6.2710, -13.6125

Details

The CIELCh color $59, 21.266, 300.196$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $70, 20.340, 117.225$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 21.696, 300.214$, and $39, 21.700, 300.229$ is the 20% darker color. If you saturate the color by 10%, you get $53, 31.859, 301.110$, and if you desaturate by 10%, it is $65, 11.050, 299.393$.

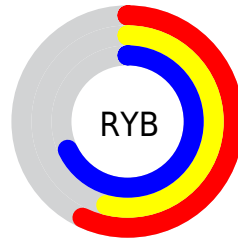
Distribution



Red (57%)

Green (54%)

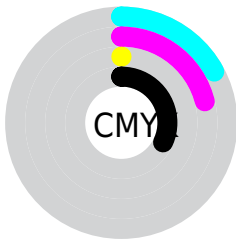
Blue (68%)



Red (57%)

Yellow (54%)

Blue (68%)

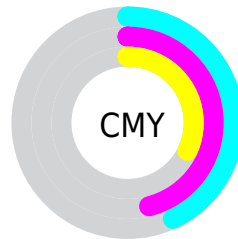


Cyan (17%)

Magenta (21%)

Yellow (0%)

Black (32%)



Cyan (43%)


Magenta (46%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 21.266, 300.196 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, 21.266, 300.196 by changing the saturation by 10% instead.


 59, 21.266,
300.196


 59, 21.266,
300.196


 100, 21.266,
300.196


 49, 21.266,
300.196


 79, 21.266,
300.196

 39, 21.266,
300.196

 89, 21.266,
300.196

 29, 21.266,
300.196

 99, 21.266,
300.196

 19, 21.266,
300.196

 9, 21.266, 300.196

 0, 21.266, 300.196

59, 21.266,
300.196

59, 21.266,
300.196

53, 31.859,
301.110

65, 11.050,
299.393

48, 42.815,
302.138

70, 1.211, 298.684

76, 8.270, 118.097

42, 54.054,
303.267

82, 17.413,
117.576

37, 65.385,
304.454

87, 26.239,
117.128

32, 76.394,
305.613

93, 34.769,
116.743

27, 86.320,
306.594


97, 40.926,
114.819

24, 94.029,
307.191

98, 40.512,
107.444

22, 98.774,

307.432

 98, 40.510,
107.086

Harmonies

Complementary

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



59, 21.266, 300.196



70, 20.340, 117.225

Rectangle

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



59, 21.266, 300.196



59, 21.266, 350.196



59, 21.266, 120.196



59, 21.266, 170.196

Sweetspot

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



59, 21.265, 300.195



86, 7.246, 299.021



66, 11.136, 220.301



46, 4.850, 299.065



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 21.265, 300.195



72, 31.275, 300.565



61, 23.022, 316.620



34, 5.523, 299.249



18, 88.579, 307.518



1, 11.449, 297.079

Inverse Universe

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



61, 21.479, 332.440



76, 31.360, 332.723



68, 22.662, 134.780



34, 5.670, 331.649



34, 66.133, 338.946



2, 11.271, 333.978

Previews

White Background



This preview shows how the CIELCh color 59, 21.266, 300.196 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, 21.266, 300.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

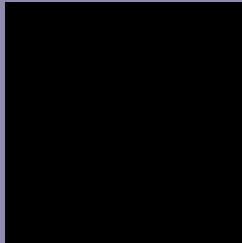
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 21.266, 300.196

Background



This preview shows how black text looks on a background with the CIELCh color 59, 21.266, 300.196.



This preview shows how white text looks on a background with the CIELCh color 59, 21.266, 300.196.

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, 21.266, 300.196

Protanopia

59, 20.509, 284.750

Deuteranopia

59, 19.874, 293.426



Tritanopia
59, 6.240, 290.898

Trichromacy



Original Color
59, 21.266, 300.196

Protanomaly
59, 20.414, 289.540

Deuteranomaly
59, 20.523, 296.419

Tritanomaly
59, 11.421, 297.039

Monochromacy



Original Color
59, 21.266, 300.196

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 7.413, 296.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 21.266, 300.196 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(145, 137, 174)` looks like.

```
.text, #text, p{  
    color:rgb(145, 137, 174)  
}
```

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(145, 137, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 137, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 21.266, 300.196 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(145, 137, 174) }
```

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

```
.border{ border-color:rgb(145, 137, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 137, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 137, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 137, 174);  
box-shadow:4px 4px 4px 4px rgb(145, 137,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 21.266, 300.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 137, 174) }
```

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

```
.background{ background-color: rgb(145,  
137, 174) }
```

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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