

Converting Colors

CIELCh(59, 18.461, 324.856)

Have a look what the booklet for
CIELCh(59, 18.461, 324.856)
contains.

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Color

CIELCh(59, 18.235, 324.300)

Conversions

Conversions Part 1

Format	Color
Hex	A086A1
RGB	160, 134, 161
RGB Percent	63%, 53%, 63%
CMY	0.3732, 0.4751, 0.3693
CMYK	0.01, 0.17, 0.00, 0.37
HSL	298°, 13%, 58%
HSV	298°, 17%, 63%
XYZ	29.3835, 27.0277, 37.3078
YIQ	144.8520, 6.8290, 13.9090

Conversions

Conversions Part 2

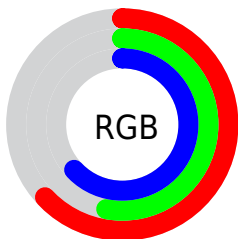
Format	Color
RYB	160, 134, 161
Decimal	10520225
CIELab	59.00, 14.81, -10.64
CIELCh	59, 18.235, 324.300
Yxy	27.0277, 0.3135, 0.2884
Android (android.graphics.Color)	4288710305 (0xFFA086A1)
YUV	144.8520, 7.9610, 13.2848
Hunter-Lab	51.9882, 9.9079, -6.1560

Details

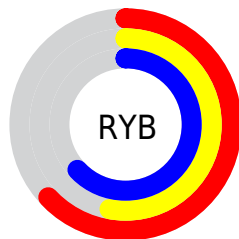
The CIELCh color $59, 18.235, 324.300$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $64, 18.196, 142.487$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 18.533, 324.211$, and $39, 18.127, 324.490$ is the 20% darker color. If you saturate the color by 10%, you get $55, 29.139, 324.811$, and if you desaturate by 10%, it is $63, 7.330, 323.770$.

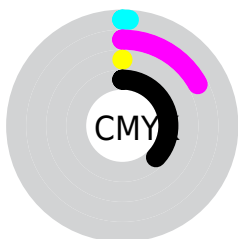
Distribution



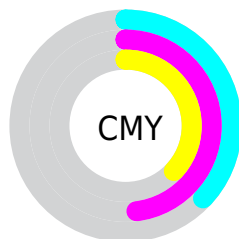
- Red (63%)
- Green (53%)
- Blue (63%)



- Red (63%)
- Yellow (53%)
- Blue (63%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)





- Cyan (37%)
- Magenta (48%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 18.235, 324.300 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, 18.235, 324.300 by changing the saturation by 10% instead.


 59, 18.235,
324.300


 59, 18.235,
324.300


 100, 18.235,
324.300


 49, 18.235,
324.300


 79, 18.235,
324.300

 39, 18.235,
324.300

 89, 18.235,
324.300

 29, 18.235,
324.300

 99, 18.235,
324.300

 19, 18.235,
324.300

 9, 18.235, 324.300

 0, 18.235, 324.300

59, 18.235,
324.300

59, 18.235,
324.300

55, 29.139,
324.811

63, 7.330, 323.770

51, 39.845,
325.299

68, 3.434, 143.352

48, 50.074,
325.749

72, 13.972,
142.810

44, 59.471,
326.142

77, 24.234,
142.327

42, 67.624,
326.458

81, 34.195,
141.871

40, 74.130,
326.678

86, 43.846,
141.442

38, 78.690,
326.790

90, 53.192,
141.040

37, 81.318,

93, 58.002,
140.768

326.796

■ 93, 57.889,
140.622

■ 37, 82.020,
326.791

Harmonies

Complementary

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



59, 18.235, 324.300



64, 18.196, 142.487

Rectangle

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



59, 18.235, 324.300



59, 18.235, 14.300



59, 18.235, 144.300



59, 18.235, 194.300

Sweetspot

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



59, 18.233, 324.300



81, 6.684, 323.673



57, 14.641, 289.969



42, 4.552, 323.712



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 18.233, 324.300



73, 26.933, 324.486



59, 13.490, 342.379



32, 6.196, 323.905



33, 76.156, 326.803



1, 9.553, 323.122

Inverse Universe

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



58, 10.937, 17.570



72, 16.348, 17.921



64, 13.271, 159.706



32, 3.630, 16.901



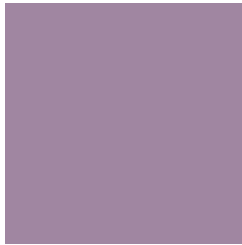
30, 66.774, 37.778



1, 5.474, 16.613

Previews

White Background



This preview shows how the CIELCh color 59, 18.235, 324.300 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, 18.235, 324.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

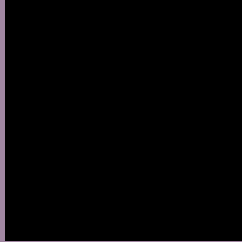
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 18.235, 324.300

Background



This preview shows how black text looks on a background with the CIELCh color 59, 18.235, 324.300.



This preview shows how white text looks on a background with the CIELCh color 59, 18.235, 324.300.

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, 18.235, 324.300

Protanopia

59, 13.625, 287.160

Deuteranopia

59, 13.089, 308.105



Tritanopia
59, 10.641, 344.782

Trichromacy



Original Color
59, 18.235, 324.300

Protanomaly
59, 14.551, 303.445

Deuteranomaly
59, 14.959, 315.277

Tritanomaly
59, 13.399, 334.946

Monochromacy



Original Color
59, 18.235, 324.300

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.666, 321.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 18.235, 324.300 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(160, 134, 161)` looks like.

```
.text, #text, p{  
    color:rgb(160, 134, 161)  
}
```

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(160, 134, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 134, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 18.235, 324.300 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(160, 134, 161) }
```

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

```
.border{ border-color:rgb(160, 134, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 134, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 134, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 134, 161);  
box-shadow:4px 4px 4px 4px rgb(160, 134,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 18.235, 324.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 134, 161) }
```

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

```
.background{ background-color: rgb(160,  
134, 161) }
```

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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