

Converting Colors

CIELCh(59, 15.774, 343.750)

Have a look what the booklet for
CIELCh(59, 15.774, 343.750)
contains.

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Color

CIELCh(59, 15.754, 343.601)

Conversions

Conversions Part 1

Format	Color
Hex	A58596
RGB	165, 133, 150
RGB Percent	65%, 52%, 59%
CMY	0.3524, 0.4779, 0.4113
CMYK	0.00, 0.19, 0.09, 0.35
HSL	328°, 15%, 58%
HSV	328°, 19%, 65%
XYZ	29.4630, 27.0277, 32.5709
YIQ	144.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

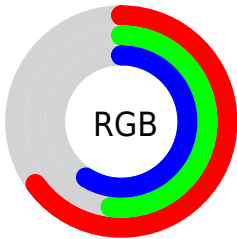
Format	Color
RYB	165, 133, 150
Decimal	10847638
CIELab	59.00, 15.11, -4.45
CIELCh	59, 15.754, 343.601
Yxy	27.0277, 0.3308, 0.3035
Android (android.graphics.Color)	4289037718 (0xFFA58596)
YUV	144.5060, 2.7085, 17.9732
Hunter-Lab	51.9882, 10.1810, -0.7538

Details

The CIELCh color $59, 15.754, 343.601$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $65, 15.432, 160.396$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 15.797, 343.368$, and $39, 15.904, 344.084$ is the 20% darker color. If you saturate the color by 10%, you get $55, 24.012, 344.578$, and if you desaturate by 10%, it is $63, 7.551, 342.709$.

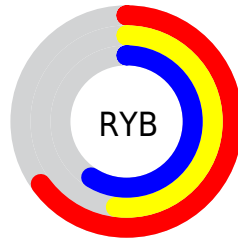
Distribution



Red (65%)

Green (52%)

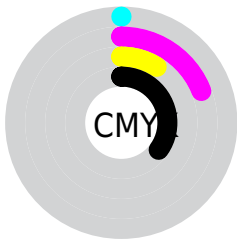
Blue (59%)



Red (65%)

Yellow (52%)

Blue (59%)

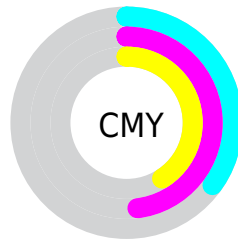


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (35%)



Cyan (35%)


Magenta (48%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 15.754, 343.601 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, 15.754, 343.601 by changing the saturation by 10% instead.


 59, 15.754,
343.601


 59, 15.754,
343.601


 100, 15.754,
343.601


 49, 15.754,
343.601


 79, 15.754,
343.601

 39, 15.754,
343.601

 89, 15.754,
343.601

 29, 15.754,
343.601

 99, 15.754,
343.601

 19, 15.754,
343.601

 9, 15.754, 343.601

 0, 15.754, 343.601

59, 15.754,
343.601

59, 15.754,
343.601

55, 24.012,
344.578

63, 7.551, 342.709

51, 32.161,
345.672

68, 0.487, 162.667

73, 8.301, 161.278

47, 39.950,
346.928

77, 15.864,
160.588

43, 47.042,
348.404

82, 23.169,
159.961

40, 53.035,
350.187

87, 30.219,
159.381

38, 57.535,
352.389


92, 37.028,
158.842


37, 60.283,
355.154

94, 37.892,
161.396

35, 61.597,

358.496

 94, 35.367,
166.340

 35, 61.678,
358.706

Harmonies

Complementary

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



59, 15.754, 343.601



65, 15.432, 160.396

Rectangle

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



59, 15.754, 343.601



59, 15.754, 33.601



59, 15.754, 163.601



59, 15.754, 213.601

Sweetspot

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



59, 15.752, 343.603



82, 5.948, 342.418



58, 19.125, 308.816



43, 3.941, 342.473



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 15.752, 343.603



73, 23.170, 343.985



59, 13.028, 18.118



32, 4.510, 342.699



31, 56.243, 358.253



1, 6.711, 344.673

Inverse Universe

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



59, 15.752, 343.603



73, 23.170, 343.985



65, 11.591, 195.491



32, 4.510, 342.699



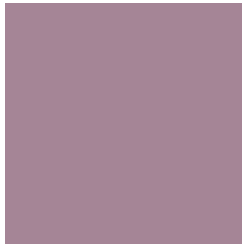
31, 56.243, 358.253



1, 6.711, 344.673

Previews

White Background



This preview shows how the CIELCh color 59, 15.754, 343.601 looks on a white background.

Color Contrast Check

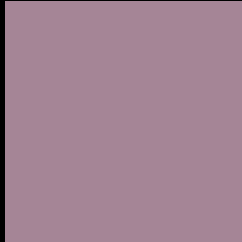
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 15.754, 343.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

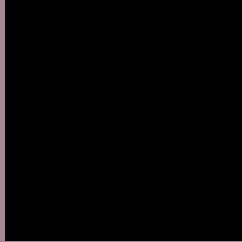
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 15.754, 343.601

Background



This preview shows how black text looks on a background with the CIELCh color 59, 15.754, 343.601.



This preview shows how white text looks on a background with the CIELCh color 59, 15.754, 343.601.

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, 15.754, 343.601

Protanopia

59, 7.940, 291.088

Deuteranopia

59, 8.555, 333.573



Tritanopia
59, 13.150, 355.453

Trichromacy



Original Color
59, 15.754, 343.601

Protanomaly
59, 9.712, 319.216

Deuteranomaly
59, 11.022, 338.711

Tritanomaly
59, 13.624, 351.105

Monochromacy



Original Color
59, 15.754, 343.601

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.485, 341.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 15.754, 343.601 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(165, 133, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 150)  
}
```

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(165, 133, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 15.754, 343.601 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(165, 133, 150) }
```

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

```
.border{ border-color:rgb(165, 133, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 133, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 133, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 133, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 133,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 15.754, 343.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 150) }
```

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

```
.background{ background-color: rgb(165,  
133, 150) }
```

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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