

Converting Colors

CIELCh(59, 20.716, 352.554)

Have a look what the booklet for
CIELCh(59, 20.716, 352.554)
contains.

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Color

CIELCh(59, 20.741, 352.570)

Conversions

Conversions Part 1

Format	Color
Hex	AF8193
RGB	175, 129, 147
RGB Percent	69%, 51%, 58%
CMY	0.3127, 0.4931, 0.4225
CMYK	0.00, 0.26, 0.16, 0.31
HSL	337°, 22%, 60%
HSV	337°, 26%, 69%
XYZ	30.9106, 27.0277, 31.2981
YIQ	144.8060, 21.6380, 15.3500

Conversions

Conversions Part 2

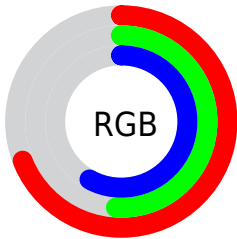
Format	Color
RYB	175, 129, 147
Decimal	11501971
CIELab	59.00, 20.57, -2.68
CIELCh	59, 20.741, 352.570
Yxy	27.0277, 0.3464, 0.3029
Android (android.graphics.Color)	4289692051 (0xFFAF8193)
YUV	144.8060, 1.0816, 26.4801
Hunter-Lab	51.9882, 15.1514, 0.6978

Details

The CIELCh color **59, 20.741, 352.570** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68, 19.668, 167.479**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 20.825, 352.255**, and **39, 21.121, 351.805** is the 20% darker color. If you saturate the color by 10%, you get **55, 28.851, 353.863**, and if you desaturate by 10%, it is **64, 12.680, 351.452**.

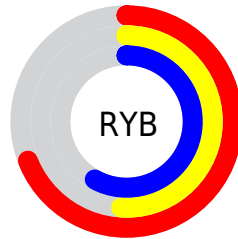
Distribution



Red (69%)

Green (51%)

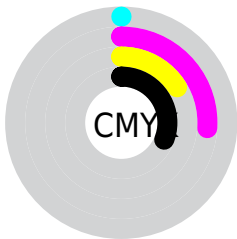
Blue (58%)



Red (69%)

Yellow (51%)

Blue (58%)

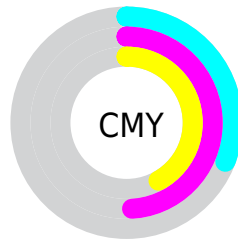


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 20.741, 352.570 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, 20.741, 352.570 by changing the saturation by 10% instead.


 59, 20.741,
352.570


 59, 20.741,
352.570


 100, 20.741,
352.570


 49, 20.741,
352.570


 79, 20.741,
352.570

 39, 20.741,
352.570

 89, 20.741,
352.570

 29, 20.741,
352.570

 99, 20.741,
352.570

 19, 20.741,
352.570

 9, 20.741, 352.570

 0, 20.741, 352.570

59, 20.741,
352.570

59, 20.741,
352.570

55, 28.851,
353.863

64, 12.680,
351.452

50, 36.811,
355.387

69, 4.804, 350.428

73, 2.820, 169.791

47, 44.326,
357.230

78, 10.157,
168.910

43, 51.027,
359.512

83, 17.201,
168.188

41, 56.530, 2.384

88, 23.959,
167.537

39, 60.565, 6.020

37, 63.183, 10.533

93, 30.447,
166.941

37, 64.098, 12.297

95, 29.074,
174.192

■ 95, 26.756,
184.661

Harmonies

Complementary

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



59, 20.741, 352.570



68, 19.668, 167.479

Rectangle

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



59, 20.741, 352.570



59, 20.741, 42.570



59, 20.741, 172.570



59, 20.741, 222.570

Sweetspot

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



59, 20.739, 352.572



85, 7.607, 350.622



58, 28.109, 313.617



45, 5.462, 350.773



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, 20.739, 352.572



72, 31.359, 353.361



60, 17.429, 29.574



34, 4.333, 350.740



31, 57.203, 11.587



2, 8.645, 354.647

Inverse Universe

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



59, 20.739, 352.572



72, 31.359, 353.361



67, 14.543, 208.391



34, 4.333, 350.740



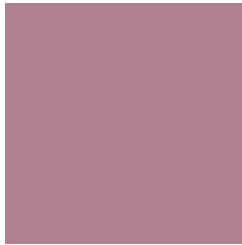
31, 57.203, 11.587



2, 8.645, 354.647

Previews

White Background



This preview shows how the CIELCh color 59, 20.741, 352.570 looks on a white background.

Color Contrast Check

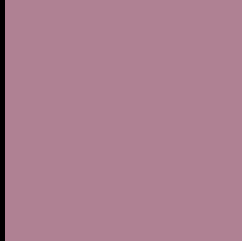
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.741, 352.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

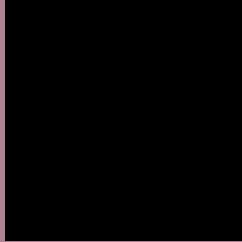
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 20.741, 352.570

Background



This preview shows how black text looks on a background with the CIELCh color 59, 20.741, 352.570.



This preview shows how white text looks on a background with the CIELCh color 59, 20.741, 352.570.

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, 20.741, 352.570

Protanopia
59, 7.940, 291.088

Deuteranopia
59, 7.744, 344.459



Tritanopia
59, 18.528, 3.854

Trichromacy



Original Color
59, 20.741, 352.570

Protanomaly
59, 10.540, 326.719

Deuteranomaly
59, 12.314, 350.470

Tritanomaly
59, 18.974, 358.917

Monochromacy



Original Color
59, 20.741, 352.570

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 7.764, 349.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 20.741, 352.570 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(175, 129, 147)` looks like.

```
.text, #text, p{  
    color:rgb(175, 129, 147)  
}
```

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(175, 129, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 129, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 20.741, 352.570 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(175, 129, 147) }
```

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

```
.border{ border-color:rgb(175, 129, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 129, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 129, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 129, 147);  
box-shadow:4px 4px 4px 4px rgb(175, 129,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 20.741, 352.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 129, 147) }
```

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

```
.background{ background-color: rgb(175,  
129, 147) }
```

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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