

Converting Colors

CIELCh(59, 21.696, 345.375)

Have a look what the booklet for
CIELCh(59, 21.696, 345.375)
contains.

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Color

CIELCh(59, 21.753, 345.335)

Conversions

Conversions Part 1

Format	Color
Hex	AE8198
RGB	174, 129, 152
RGB Percent	68%, 51%, 60%
CMY	0.3170, 0.4935, 0.4033
CMYK	0.00, 0.26, 0.13, 0.32
HSL	329°, 22%, 59%
HSV	329°, 26%, 68%
XYZ	31.0396, 27.0277, 33.3510
YIQ	145.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

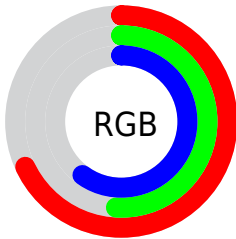
Format	Color
RYB	174, 129, 152
Decimal	11436440
CIELab	59.00, 21.04, -5.51
CIELCh	59, 21.753, 345.335
Yxy	27.0277, 0.3395, 0.2956
Android (android.graphics.Color)	4289626520 (0xFFAE8198)
YUV	145.0770, 3.4130, 25.3655
Hunter-Lab	51.9882, 15.5941, -1.6434

Details

The CIELCh color $59, 21.753, 345.335$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 21.109, 160.776$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 21.804, 345.491$, and $39, 21.912, 345.449$ is the 20% darker color. If you saturate the color by 10%, you get $55, 30.239, 346.424$, and if you desaturate by 10%, it is $64, 13.230, 344.366$.

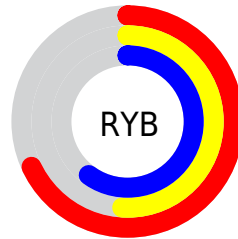
Distribution



Red (68%)

Green (51%)

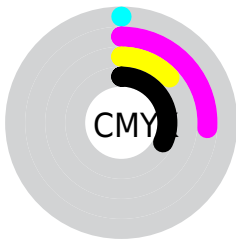
Blue (60%)



Red (68%)

Yellow (51%)

Blue (60%)

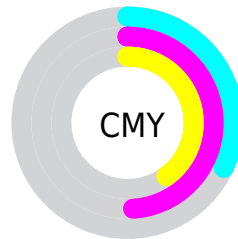


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (32%)



Cyan (32%)


Magenta (49%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 21.753, 345.335 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, 21.753, 345.335 by changing the saturation by 10% instead.


 59, 21.753,
345.335


 59, 21.753,
345.335


 100, 21.753,
345.335


 49, 21.753,
345.335


 79, 21.753,
345.335

 39, 21.753,
345.335

 89, 21.753,
345.335

 29, 21.753,
345.335

 99, 21.753,
345.335

 19, 21.753,
345.335

 9, 21.753, 345.335

 0, 21.753, 345.335

59, 21.753,
345.335

59, 21.753,
345.335

55, 30.239,
346.424

64, 13.230,
344.366

50, 38.465,
347.670

68, 4.825, 343.455

47, 46.110,
349.132

73, 3.375, 162.853

44, 52.773,
350.894

78, 11.324,
162.058

41, 58.029,
353.068

83, 19.002,
161.383

39, 61.548,
355.799


88, 26.409,
160.765

38, 63.286,
359.228

93, 33.554,
160.193

37, 63.823, 0.757

94, 32.940,
164.508

 94, 30.392,
171.108

Harmonies

Complementary

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



59, 21.753, 345.335



67, 21.109, 160.776

Rectangle

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



59, 21.753, 345.335



59, 21.753, 35.335



59, 21.753, 165.335



59, 21.753, 215.335

Sweetspot

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



59, 21.751, 345.337



85, 8.217, 343.667



57, 26.944, 309.729



45, 5.897, 343.802



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, 21.751, 345.337



72, 32.431, 345.940



58, 18.600, 20.105



34, 4.678, 343.772



32, 57.374, 0.226



2, 9.195, 348.209

Inverse Universe

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



59, 21.751, 345.337



72, 32.431, 345.940



68, 15.757, 196.609



34, 4.678, 343.772



32, 57.374, 0.226



2, 9.195, 348.209

Previews

White Background



This preview shows how the CIELCh color 59, 21.753, 345.335 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, 21.753, 345.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

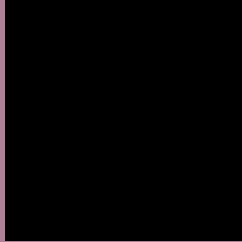
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 21.753, 345.335

Background



This preview shows how black text looks on a background with the CIELCh color 59, 21.753, 345.335.



This preview shows how white text looks on a background with the CIELCh color 59, 21.753, 345.335.

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, 21.753, 345.335

Protanopia
59, 10.772, 289.447

Deuteranopia
59, 8.725, 329.117



Tritanopia
59, 17.726, 2.922

Trichromacy



Original Color
59, 21.753, 345.335

Protanomaly
59, 12.747, 317.815

Deuteranomaly
59, 13.291, 337.929

Tritanomaly
59, 18.991, 355.186

Monochromacy



Original Color
59, 21.753, 345.335

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.378, 342.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 21.753, 345.335 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(174, 129, 152)` looks like.

```
.text, #text, p{  
    color:rgb(174, 129, 152)  
}
```

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(174, 129, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 129, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 21.753, 345.335 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(174, 129, 152) }
```

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

```
.border{ border-color:rgb(174, 129, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 129, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 129, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 129, 152);  
box-shadow:4px 4px 4px 4px rgb(174, 129,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 21.753, 345.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 129, 152) }
```

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

```
.background{ background-color: rgb(174,  
129, 152) }
```

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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