

Converting Colors

CIELCh(59, 9.736, 14.212)

Have a look what the booklet for
CIELCh(59, 9.736, 14.212) contains.

CIELCh(59, 9.695, 13.717)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 9.695, 13.717)

Conversions

Conversions Part 1

Format	Color
Hex	A0888A
RGB	160, 136, 138
RGB Percent	63%, 53%, 54%
CMY	0.3715, 0.4656, 0.4578
CMYK	0.00, 0.15, 0.14, 0.37
HSL	355°, 11%, 58%
HSV	355°, 15%, 63%
XYZ	28.0004, 27.0277, 27.8868
YIQ	143.4040, 13.6620, 5.7100

Conversions

Conversions Part 2

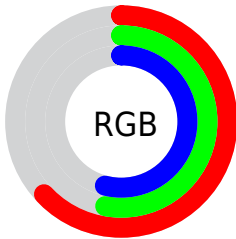
Format	Color
R_{YB}	160, 136, 138
Decimal	10520714
CIE _{Lab}	59.00, 9.42, 2.30
CIE _{LCh}	59, 9.695, 13.717
Yxy	27.0277, 0.3377, 0.3260
Android (android.graphics.Color)	4288710794 (0xFFA0888A)
YUV	143.4040, -2.6642, 14.5547
Hunter-Lab	51.9882, 5.1593, 4.5883

Details

The CIELCh color $59, 9.695, 13.717$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.953, 191.484$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 9.848, 13.970$, and $39, 9.692, 13.598$ is the 20% darker color. If you saturate the color by 10%, you get $54, 16.696, 14.815$, and if you desaturate by 10%, it is $64, 3.117, 12.753$.

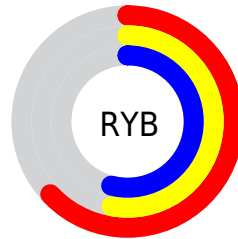
Distribution



Red (63%)

Green (53%)

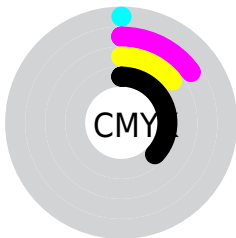
Blue (54%)



Red (63%)

Yellow (53%)

Blue (54%)

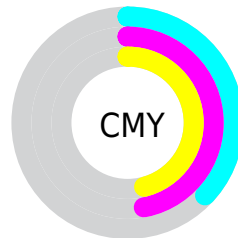


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (37%)



Cyan (37%)

Magenta (47%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 9.695, 13.717 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, 9.695, 13.717 by changing the saturation by 10% instead.

 59, 9.695, 13.717  59, 9.695, 13.717

 100, 9.695, 13.717  49, 9.695, 13.717

 79, 9.695, 13.717  39, 9.695, 13.717


 89, 9.695, 13.717  29, 9.695, 13.717

 99, 9.695, 13.717  19, 9.695, 13.717

 9, 9.695, 13.717

 0, 9.695, 13.717

 59, 9.695, 13.717  59, 9.695, 13.717

 54, 16.696, 14.815  64, 3.117, 12.753

 50, 24.090, 16.156  68, 3.036, 192.327

46, 31.788, 17.839

73, 8.785, 191.620

42, 39.634, 19.977

78, 14.163,
191.082

39, 47.407, 22.691

83, 19.208,
190.625

36, 54.851, 26.075

35, 61.710, 30.098

87, 23.954,
190.229

33, 67.677, 34.405

92, 28.437,
189.881

33, 70.368, 36.197

94, 29.320,
197.611

Harmonies

Complementary

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



59, 9.695, 13.717



64, 8.953, 191.484

Rectangle

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



59, 9.695, 13.717



59, 9.695, 63.717



59, 9.695, 193.717



59, 9.695, 243.717

Sweetspot

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



59, 9.693, 13.726



82, 3.101, 12.649



59, 15.994, 322.895



43, 2.204, 12.733



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, 9.693, 13.726



74, 14.627, 14.070



62, 7.957, 64.297



31, 3.550, 13.173



29, 64.302, 35.720



1, 4.509, 12.868

Inverse Universe

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



59, 9.693, 13.726



74, 14.627, 14.070



61, 7.514, 247.732



31, 3.550, 13.173



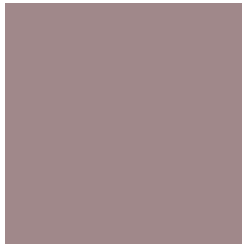
29, 64.302, 35.720



1, 4.509, 12.868

Previews

White Background



This preview shows how the CIELCh color 59, 9.695, 13.717 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, 9.695, 13.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

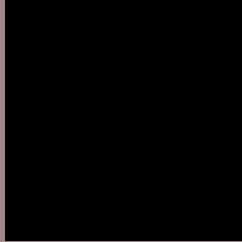
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 9.695, 13.717

Background



This preview shows how black text looks on a background with the CIELCh color 59, 9.695, 13.717.



This preview shows how white text looks on a background with the CIELCh color 59, 9.695, 13.717.

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, 9.695, 13.717

Protanopia

59, 1.567, 19.289

Deuteranopia

59, 8.024, 16.160



Tritanopia
59, 11.973, 349.453

Trichromacy



Original Color
59, 9.695, 13.717

Protanomaly
59, 4.785, 13.036

Deuteranomaly
59, 8.432, 16.402

Tritanomaly
59, 11.252, 356.965

Monochromacy



Original Color
59, 9.695, 13.717

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 3.589, 10.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 9.695, 13.717 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, 136, 138)` looks like.

```
.text, #text, p{  
    color:rgb(160, 136, 138)  
}
```

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, 136, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 136, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 9.695, 13.717 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, 136, 138) }
```

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

```
.border{ border-color:rgb(160, 136, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 136, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 136, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 136, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 136,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 9.695, 13.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 136, 138) }
```

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

```
.background{ background-color: rgb(160,  
136, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor