

Converting Colors

CIELCh(51, 22.252, 5.610)

Have a look what the booklet for
CIELCh(51, 22.252, 5.610) contains.

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Color

CIELCh(51, 22.592, 4.596)

Conversions

Conversions Part 1

Format	Color
Hex	9F6B77
RGB	159, 107, 119
RGB Percent	62%, 42%, 47%
CMY	0.3758, 0.5798, 0.5328
CMYK	0.00, 0.33, 0.25, 0.38
HSL	346°, 21%, 52%
HSV	346°, 33%, 62%
XYZ	22.9413, 19.2686, 20.0093
YIQ	123.9160, 27.1400, 14.7560

Conversions

Conversions Part 2

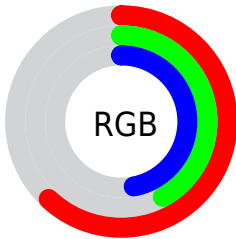
Format	Color
R_{YB}	159, 107, 119
Decimal	10447735
CIE Lab	51.00, 22.52, 1.81
CIE LCh	51, 22.592, 4.596
Yxy	19.2686, 0.3687, 0.3097
Android (android.graphics.Color)	4288637815 (0xFF9F6B77)
YUV	123.9160, -2.4236, 30.7687
Hunter-Lab	43.8960, 16.4711, 3.7009

Details

The CIELCh color $51, 22.592, 4.596$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $62, 20.006, 177.858$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 22.641, 4.970$, and $31, 22.386, 4.383$ is the 20% darker color. If you saturate the color by 10%, you get $47, 29.927, 6.230$, and if you desaturate by 10%, it is $55, 15.377, 3.248$.

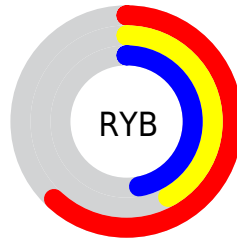
Distribution



Red (62%)

Green (42%)

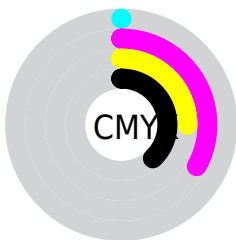
Blue (47%)



Red (62%)

Yellow (42%)

Blue (47%)

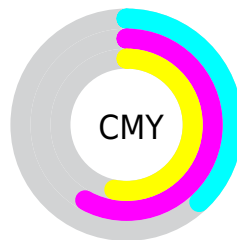


Cyan (0%)

Magenta (33%)

Yellow (25%)

Black (38%)



Cyan (38%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 22.592, 4.596 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 51, 22.592, 4.596 by changing the saturation by 10% instead.

 51, 22.592, 4.596  51, 22.592, 4.596

 100, 22.592, 4.596  41, 22.592, 4.596

 71, 22.592, 4.596  31, 22.592, 4.596


 81, 22.592, 4.596  21, 22.592, 4.596

 91, 22.592, 4.596  11, 22.592, 4.596

 1, 22.592, 4.596

 0, 22.592, 4.596

 51, 22.592, 4.596  51, 22.592, 4.596

 47, 29.927, 6.230  55, 15.377, 3.248

 43, 37.201, 8.240  60, 8.404, 2.096

40, 44.156, 10.756

64, 1.734, 0.936

37, 50.501, 13.928

69, 4.610, 180.431

35, 56.000, 17.895

74, 10.631,
179.638

34, 60.588, 22.694

78, 16.344,
178.965

33, 63.729, 26.358

83, 21.770,
178.367

88, 26.935,
177.826

92, 31.864,
177.335

Harmonies

Complementary

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



51, 22.592, 4.596



62, 20.006, 177.858

Rectangle

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



51, 22.592, 4.596



51, 22.592, 54.596



51, 22.592, 184.596



51, 22.592, 234.596

Sweetspot

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



51, 22.590, 4.599



77, 8.149, 1.829



51, 33.597, 319.195



40, 5.622, 1.970



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



51, 22.590, 4.599



62, 33.696, 5.716



54, 18.528, 46.103



31, 3.698, 1.728



29, 58.619, 25.780



1, 4.712, 1.825

Inverse Universe

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



51, 22.590, 4.599



62, 33.696, 5.716



58, 15.062, 230.166



31, 3.698, 1.728



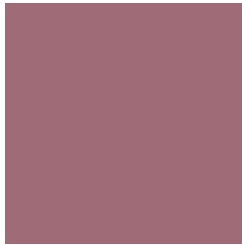
29, 58.619, 25.780



1, 4.712, 1.825

Previews

White Background



This preview shows how the CIE LCh color 51, 22.592, 4.596 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 51, 22.592, 4.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

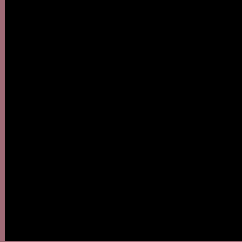
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 22.592, 4.596

Background



This preview shows how black text looks on a background with the CIELCh color 51, 22.592, 4.596.



This preview shows how white text looks on a background with the CIELCh color 51, 22.592, 4.596.

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

51, 22.592, 4.596

Protanopia

51, 3.529, 297.037

Deuteranopia

51, 7.049, 24.842



Tritanopia
51, 21.834, 10.076

Trichromacy



Original Color
51, 22.592, 4.596

Protanomaly
51, 9.349, 350.707

Deuteranomaly
51, 12.653, 10.399

Tritanomaly
51, 21.891, 8.583

Monochromacy



Original Color
51, 22.592, 4.596

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 8.094, 3.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 22.592, 4.596 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(159, 107, 119)` looks like.

```
.text, #text, p{  
    color:rgb(159, 107, 119)  
}
```

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(159, 107, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 107, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 22.592, 4.596 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(159, 107, 119) }
```

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

```
.border{ border-color:rgb(159, 107, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 107, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 107, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 107, 119);  
box-shadow:4px 4px 4px 4px rgb(159, 107,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 22.592, 4.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 107, 119) }
```

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

```
.background{ background-color: rgb(159,  
107, 119) }
```

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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