

Converting Colors

CIELCh(59, 12.671, 100.664)

Have a look what the booklet for
CIELCh(59, 12.671, 100.664)
contains.

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Color

CIELCh(59, 12.562, 99.246)

Conversions

Conversions Part 1

Format	Color
Hex	938E78
RGB	147, 142, 120
RGB Percent	58%, 56%, 47%
CMY	0.4224, 0.4420, 0.5283
CMYK	0.00, 0.03, 0.18, 0.42
HSL	49°, 11%, 52%
HSV	49°, 18%, 58%
XYZ	25.2109, 27.0277, 21.7492
YIQ	140.9870, 10.0420, -5.7820

Conversions

Conversions Part 2

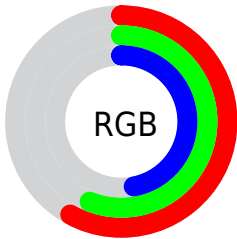
Format	Color
R_{YB}	126, 147, 120
Decimal	9670264
CIE Lab	59.00, -2.02, 12.40
CIE LCh	59, 12.562, 99.246
Yxy	27.0277, 0.3407, 0.3653
Android (android.graphics.Color)	4287860344 (0xFF938E78)
YUV	140.9870, -10.3466, 5.2734
Hunter-Lab	51.9882, -4.4185, 11.5879

Details

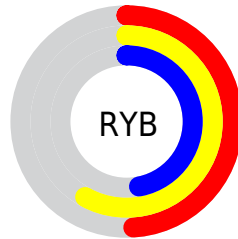
The CIELCh color $59, 12.562, 99.246$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 12.839, 283.547$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 12.889, 100.399$, and $39, 12.886, 99.993$ is the 20% darker color. If you saturate the color by 10%, you get $58, 19.451, 98.112$, and if you desaturate by 10%, it is $60, 5.691, 100.358$.

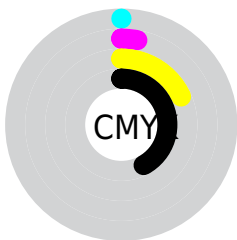
Distribution



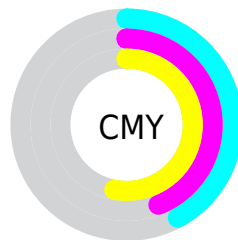
- Red (58%)
- Green (56%)
- Blue (47%)



- Red (49%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 12.562, 99.246 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, 12.562, 99.246 by changing the saturation by 10% instead.

■ 59, 12.562, 99.246

■ 59, 12.562, 99.246

■ 100, 12.562,
99.246

■ 49, 12.562, 99.246

■ 79, 12.562, 99.246

■ 39, 12.562, 99.246

■ 89, 12.562, 99.246

■ 29, 12.562, 99.246

■ 99, 12.562, 99.246

■ 19, 12.562, 99.246

■ 9, 12.562, 99.246

■ 0, 12.562, 99.246

■ 59, 12.562, 99.246

■ 59, 12.562, 99.246

■ 58, 19.451, 98.112

■ 60, 5.691, 100.358

■ 57, 26.306, 96.948

■ 61, 1.140, 281.565

56, 33.045, 95.770

62, 7.914, 282.518

55, 39.524, 94.583

64, 14.624,
283.511

54, 45.511, 93.391

65, 21.269,
284.464

53, 50.650, 92.186

52, 54.473, 90.944

66, 27.846,
285.372

52, 56.852, 89.643

67, 34.357,
286.234

51, 57.246, 89.433

69, 40.802,
287.051

70, 47.183,
287.822

Harmonies

Complementary

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



59, 12.562, 99.246



53, 12.839, 283.547

Rectangle

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



59, 12.562, 99.246



59, 12.562, 149.246



59, 12.562, 279.246



59, 12.562, 329.246

Sweetspot

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



59, 12.563, 99.253



77, 5.061, 100.593



53, 11.444, 5.005



41, 3.385, 100.533



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 12.563, 99.253



74, 18.668, 98.787



60, 15.512, 120.776



31, 3.870, 100.264



48, 54.534, 89.526



2, 3.385, 101.280

Inverse Universe

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



53, 12.839, 283.547



65, 19.176, 284.143



52, 16.053, 302.922



29, 3.917, 282.355



18, 73.672, 302.298



1, 3.386, 281.284

Previews

White Background



This preview shows how the CIELCh color 59, 12.562, 99.246 looks on a white background.

Color Contrast Check

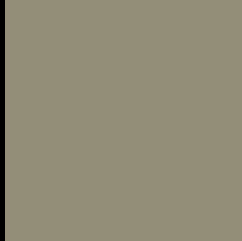
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 12.562, 99.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

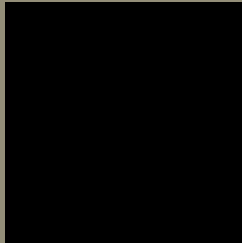
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 12.562, 99.246

Background



This preview shows how black text looks on a background with the CIELCh color 59, 12.562, 99.246.



This preview shows how white text looks on a background with the CIELCh color 59, 12.562, 99.246.

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, 12.562, 99.246

Protanopia

59, 12.726, 95.539

Deuteranopia

59, 14.259, 59.173



Tritanopia
59, 8.046, 329.440

Trichromacy



Original Color
59, 12.562, 99.246

Protanomaly
59, 12.637, 97.382

Deuteranomaly
59, 12.681, 72.634

Tritanomaly
59, 3.999, 27.791

Monochromacy



Original Color
59, 12.562, 99.246

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 4.583, 99.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 12.562, 99.246 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(147, 142, 120)` looks like.

```
.text, #text, p{  
    color:rgb(147, 142, 120)  
}
```

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(147, 142, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 142, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 12.562, 99.246 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(147, 142, 120) }
```

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

```
.border{ border-color:rgb(147, 142, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 142, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 142, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 142, 120);  
box-shadow:4px 4px 4px 4px rgb(147, 142,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 12.562, 99.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 142, 120) }
```

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

```
.background{ background-color: rgb(147,  
142, 120) }
```

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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