

Converting Colors

CIELCh(59, 7.238, 71.983)

Have a look what the booklet for
CIELCh(59, 7.238, 71.983) contains.

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Color

CIELCh(59, 7.196, 71.143)

Conversions

Conversions Part 1

Format	Color
Hex	978C82
RGB	151, 140, 130
RGB Percent	59%, 55%, 51%
CMY	0.4071, 0.4502, 0.4894
CMYK	0.00, 0.07, 0.14, 0.41
HSL	29°, 9%, 55%
HSV	29°, 14%, 59%
XYZ	26.2475, 27.0277, 25.0198
YIQ	142.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

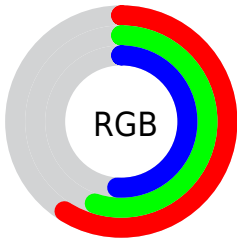
Format	Color
R_{YB}	151, 149, 130
Decimal	9931906
CIE _{Lab}	59.00, 2.33, 6.81
CIE _{LCh}	59, 7.196, 71.143
Yxy	27.0277, 0.3352, 0.3452
Android (android.graphics.Color)	4288121986 (0xFF978C82)
YUV	142.1490, -5.9895, 7.7623
Hunter-Lab	51.9882, -0.8593, 7.8579

Details

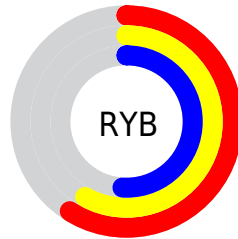
The CIELCh color **59, 7.196, 71.143** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **58, 6.920, 254.642**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 7.174, 74.064**, and **39, 7.077, 70.375** is the 20% darker color. If you saturate the color by 10%, you get **57, 12.690, 70.002**, and if you desaturate by 10%, it is **62, 1.965, 72.205**.

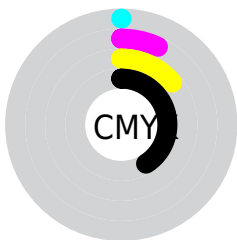
Distribution



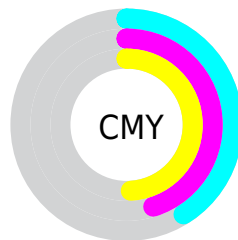
- Red (59%)
- Green (55%)
- Blue (51%)



- Red (59%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 7.196, 71.143 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, 7.196, 71.143 by changing the saturation by 10% instead.

 59, 7.196, 71.143  59, 7.196, 71.143

 100, 7.196, 71.143  49, 7.196, 71.143

 79, 7.196, 71.143  39, 7.196, 71.143


 89, 7.196, 71.143  29, 7.196, 71.143

 99, 7.196, 71.143  19, 7.196, 71.143

 9, 7.196, 71.143

 0, 7.196, 71.143

 59, 7.196, 71.143  59, 7.196, 71.143

 57, 12.690, 70.002  62, 1.965, 72.205

 54, 18.462, 68.830  64, 3.028, 253.611

■ 52, 24.518, 67.654

■ 67, 7.805, 254.663

■ 49, 30.835, 66.474

■ 69, 12.391,
255.730

■ 47, 37.336, 65.269

■ 72, 16.808,
256.770

■ 45, 43.841, 63.979

■ 43, 49.981, 62.470

■ 75, 21.075,
257.772

■ 41, 55.106, 60.473

■ 77, 25.210,
258.734

■ 40, 58.098, 59.325

■ 80, 29.228,
259.655

■ 82, 28.607,
252.871

Harmonies

Complementary

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



59, 7.196, 71.143



58, 6.920, 254.642

Rectangle

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



59, 7.196, 71.143



59, 7.196, 121.143



59, 7.196, 251.143



59, 7.196, 301.143

Sweetspot

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



59, 7.196, 71.158



78, 2.500, 72.191



57, 10.471, 342.985



41, 1.794, 72.132



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 7.196, 71.158



74, 10.990, 70.764



62, 11.332, 107.475



31, 2.922, 71.679



37, 54.916, 59.598



2, 3.086, 71.907

Inverse Universe

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



58, 6.920, 254.642



73, 10.452, 255.146



55, 11.664, 290.302



31, 2.852, 254.018



31, 43.200, 280.511



2, 3.121, 253.796

Previews

White Background



This preview shows how the CIELCh color 59, 7.196, 71.143 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, 7.196, 71.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

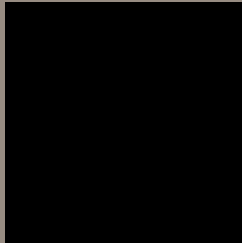
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 7.196, 71.143

Background



This preview shows how black text looks on a background with the CIELCh color 59, 7.196, 71.143.



This preview shows how white text looks on a background with the CIELCh color 59, 7.196, 71.143.

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, 7.196, 71.143

Protanopia

59, 6.131, 86.278

Deuteranopia

59, 10.012, 39.911



Tritanopia
59, 8.442, 338.200

Trichromacy



Original Color
59, 7.196, 71.143

Protanomaly
59, 6.494, 79.661

Deuteranomaly
59, 8.708, 46.917

Tritanomaly
59, 5.787, 2.936

Monochromacy



Original Color
59, 7.196, 71.143

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 2.303, 66.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 7.196, 71.143 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(151, 140, 130)` looks like.

```
.text, #text, p{  
    color:rgb(151, 140, 130)  
}
```

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(151, 140, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 140, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 7.196, 71.143 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(151, 140, 130) }
```

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

```
.border{ border-color:rgb(151, 140, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 140, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 140, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 140, 130);  
box-shadow:4px 4px 4px 4px rgb(151, 140,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 7.196, 71.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 140, 130) }
```

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

```
.background{ background-color: rgb(151,  
140, 130) }
```

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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