

Converting Colors

CIELCh(61, 2.585, 109.362)

Have a look what the booklet for
CIELCh(61, 2.585, 109.362) contains.

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Color

CIELCh(61, 2.270, 99.980)

Conversions

Conversions Part 1

Format	Color
Hex	94938F
RGB	148, 147, 143
RGB Percent	58%, 58%, 56%
CMY	0.4187, 0.4226, 0.4383
CMYK	0.00, 0.01, 0.03, 0.42
HSL	48°, 2%, 57%
HSV	48°, 3%, 58%
XYZ	27.7007, 29.2481, 30.2643
YIQ	146.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

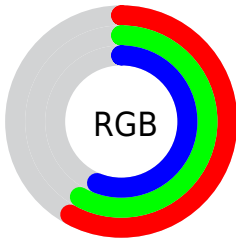
Format	Color
R_{YB}	144, 148, 143
Decimal	9737103
CIE _{Lab}	61.00, -0.39, 2.24
CIE _{LCh}	61, 2.270, 99.980
Yxy	29.2481, 0.3176, 0.3354
Android (android.graphics.Color)	4287927183 (0xFF94938F)
YUV	146.8430, -1.8946, 1.0147
Hunter-Lab	54.0815, -3.2144, 4.6781

Details

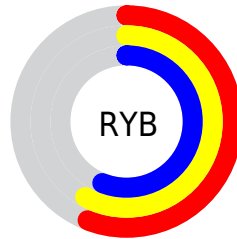
The CIELCh color $61, 2.270, 99.980$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 2.293, 280.864$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 2.140, 100.054$, and $41, 2.416, 109.796$ is the 20% darker color. If you saturate the color by 10%, you get $60, 9.061, 98.941$, and if you desaturate by 10%, it is $62, 4.461, 281.172$.

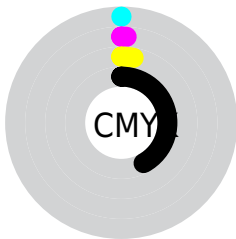
Distribution



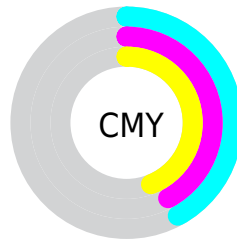
- Red (58%)
- Green (58%)
- Blue (56%)



- Red (56%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 2.270, 99.980 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 61, 2.270, 99.980 by changing the saturation by 10% instead.

■ 61, 2.270, 99.980 ■ 61, 2.270, 99.980

■ 100, 2.270, 99.980 ■ 51, 2.270, 99.980

■ 81, 2.270, 99.980 ■ 41, 2.270, 99.980

■ 91, 2.270, 99.980 ■ 31, 2.270, 99.980

■ 21, 2.270, 99.980

■ 11, 2.270, 99.980

■ 1, 2.270, 99.980

■ 0, 2.270, 99.980

■ 61, 2.270, 99.980 ■ 61, 2.270, 99.980

■ 60, 9.061, 98.941 ■ 62, 4.461, 281.172

59, 15.890, 97.800

63, 11.128,
282.189

58, 22.723, 96.629

65, 17.725,
283.174

56, 29.500, 95.436

55, 36.113, 94.228

66, 24.252,
284.114

54, 42.382, 93.007

67, 30.709,
285.009

54, 48.016, 91.769

53, 52.591, 90.493

69, 37.099,
285.857

52, 55.611, 89.132

70, 43.422,
286.659

71, 46.062,
286.359

72, 44.464,
284.732

Harmonies

Complementary

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



61, 2.270, 99.980



60, 2.293, 280.864

Rectangle

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



61, 2.270, 99.980



61, 2.270, 149.980



61, 2.270, 279.980



61, 2.270, 329.980

Sweetspot

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



61, 2.271, 100.013



78, 0.830, 100.141



60, 2.039, 3.346



41, 0.470, 100.135



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



61, 2.271, 100.013



78, 3.353, 99.945



61, 2.867, 121.631



31, 1.900, 99.894



48, 54.171, 88.327



2, 3.333, 100.433

Inverse Universe

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



60, 2.293, 280.864



76, 3.384, 280.935



60, 2.899, 301.975



30, 1.918, 280.990



19, 72.515, 301.815



1, 3.334, 280.437

Previews

White Background



This preview shows how the CIELCh color 61, 2.270, 99.980 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 61, 2.270, 99.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

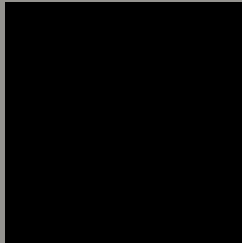
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

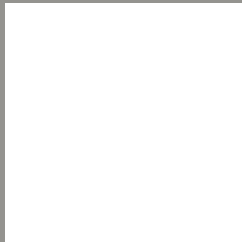
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 2.270, 99.980

Background



This preview shows how black text looks on a background with the CIELCh color 61, 2.270, 99.980.



This preview shows how white text looks on a background with the CIELCh color 61, 2.270, 99.980.

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

61, 2.270, 99.980

Protanopia

61, 2.573, 60.219

Deuteranopia

61, 8.008, 12.131



Tritanopia
61, 7.052, 306.460

Trichromacy



Original Color
61, 2.270, 99.980

Protanomaly
61, 2.288, 66.669

Deuteranomaly
61, 5.127, 19.824

Tritanomaly
61, 3.588, 309.209

Monochromacy



Original Color
61, 2.270, 99.980

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 0.554, 110.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 2.270, 99.980 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(148, 147, 143)` looks like.

```
.text, #text, p{  
    color:rgb(148, 147, 143)  
}
```

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(148, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 147, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 2.270, 99.980 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(148, 147, 143) }
```

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

```
.border{ border-color:rgb(148, 147, 143) }
```

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

Here you see how a box with a 4 pixel rgb(148, 147, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 147, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 147, 143);  
box-shadow:4px 4px 4px 4px rgb(148, 147,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 2.270, 99.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 147, 143) }
```

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

```
.background{ background-color: rgb(148,  
147, 143) }
```

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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