

Converting Colors

CIELCh(61, 7.056, 335.027)

Have a look what the booklet for
CIELCh(61, 7.056, 335.027) contains.

CIELCh(61, 6.891, 332.787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 6.891, 332.787)

Conversions

Conversions Part 1

Format	Color
Hex	9C9099
RGB	156, 144, 153
RGB Percent	61%, 56%, 60%
CMY	0.3888, 0.4359, 0.4006
CMYK	0.00, 0.08, 0.02, 0.39
HSL	315°, 6%, 59%
HSV	315°, 8%, 61%
XYZ	29.3680, 29.2481, 34.1683
YIQ	148.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

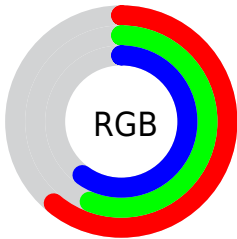
Format	Color
RYB	156, 144, 153
Decimal	10260633
CIELab	61.00, 6.13, -3.15
CIELCh	61, 6.891, 332.787
Yxy	29.2481, 0.3165, 0.3152
Android (android.graphics.Color)	4288450713 (0xFF9C9099)
YUV	148.6140, 2.1623, 6.4775
Hunter-Lab	54.0815, 2.2884, 0.3981

Details

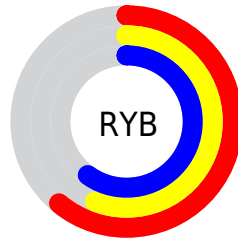
The CIELCh color $61, 6.891, 332.787$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 6.862, 151.879$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 6.513, 332.656$, and $41, 6.686, 333.831$ is the 20% darker color. If you saturate the color by 10%, you get $57, 15.936, 333.470$, and if you desaturate by 10%, it is $65, 2.034, 152.334$.

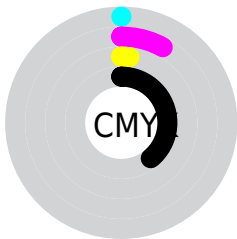
Distribution



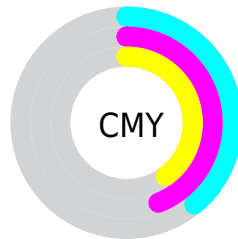
- Red (61%)
- Green (56%)
- Blue (60%)



- Red (61%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 6.891, 332.787 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, 6.891, 332.787 by changing the saturation by 10% instead.

■ 61, 6.891, 332.787

■ 61, 6.891, 332.787

■ 100, 6.891,
332.787

■ 51, 6.891, 332.787

■ 81, 6.891, 332.787

■ 41, 6.891, 332.787

■ 91, 6.891, 332.787

■ 31, 6.891, 332.787

■ 21, 6.891, 332.787

■ 11, 6.891, 332.787

■ 1, 6.891, 332.787

■ 0, 6.891, 332.787

■ 61, 6.891, 332.787

■ 61, 6.891, 332.787

■ 57, 15.936,

■ 65, 2.034, 152.334

333.470

70, 10.760,
151.631

53, 24.990,
334.167

74, 19.252,
151.055

49, 33.870,
334.898

79, 27.493,
150.517

45, 42.322,
335.668

83, 35.479,
150.010

42, 50.010,
336.490

87, 43.218,
149.532

40, 56.539,
337.383

92, 50.719,
149.082

37, 61.510,
338.378

93, 50.360,
150.269

36, 64.624,
339.518

93, 48.845,
151.781

35, 65.974,
340.836

Harmonies

Complementary

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



61, 6.891, 332.787



63, 6.862, 151.879

Rectangle

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



61, 6.891, 332.787



61, 6.891, 22.787



61, 6.891, 152.787



61, 6.891, 202.787

Sweetspot

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



61, 6.889, 332.789



80, 2.201, 332.322



60, 6.887, 300.388



43, 1.261, 332.305



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 6.889, 332.789



76, 9.940, 332.890



61, 4.997, 0.144



31, 5.127, 332.896



32, 62.204, 341.022



1, 6.496, 333.685

Inverse Universe

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



61, 6.889, 332.789



76, 9.940, 332.890



63, 4.869, 178.917



31, 5.127, 332.896



32, 62.204, 341.022



1, 6.496, 333.685

Previews

White Background



This preview shows how the CIELCh color 61, 6.891, 332.787 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 61, 6.891, 332.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

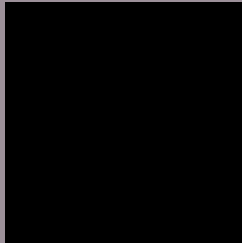
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 6.891, 332.787

Background



This preview shows how black text looks on a background with the CIELCh color 61, 6.891, 332.787.



This preview shows how white text looks on a background with the CIELCh color 61, 6.891, 332.787.

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, 6.891, 332.787

Protanopia

61, 4.585, 300.223

Deuteranopia

61, 8.390, 338.176



Tritanopia
61, 7.752, 327.172

Trichromacy



Original Color
61, 6.891, 332.787

Protanomaly
61, 5.595, 314.879

Deuteranomaly
61, 8.108, 336.285

Tritanomaly
61, 7.313, 329.811

Monochromacy



Original Color
61, 6.891, 332.787

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.986, 330.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 6.891, 332.787 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(156, 144, 153)` looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 153)  
}
```

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(156, 144, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 6.891, 332.787 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(156, 144, 153) }
```

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

```
.border{ border-color:rgb(156, 144, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 144, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 153);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 6.891, 332.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 153) }
```

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

```
.background{ background-color: rgb(156,  
144, 153) }
```

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