

Converting Colors

CIELCh(61, 26.924, 109.271)

Have a look what the booklet for
CIELCh(61, 26.924, 109.271)
contains.

CIELCh(61, 27.118, 109.829)	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, 27.118, 109.829)

Conversions

Conversions Part 1

Format	Color
Hex	949766
RGB	148, 151, 102
RGB Percent	58%, 59%, 40%
CMY	0.4209, 0.4091, 0.6012
CMYK	0.02, 0.00, 0.33, 0.41
HSL	64°, 19%, 49%
HSV	64°, 33%, 59%
XYZ	25.5515, 29.2481, 16.7897
YIQ	144.5170, 13.9410, -15.8750

Conversions

Conversions Part 2

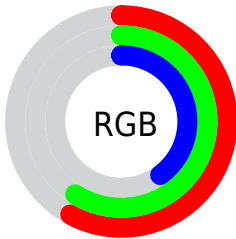
Format	Color
RYB	102, 151, 105
Decimal	9738086
CIELab	61.00, -9.20, 25.51
CIElCh	61, 27.118, 109.829
Yxy	29.2481, 0.3569, 0.4086
Android (android.graphics.Color)	4287928166 (0xFF949766)
YUV	144.5170, -20.9609, 3.0546
Hunter-Lab	54.0815, -10.3082, 19.4504

Details

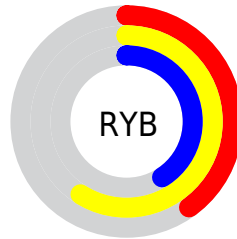
The CIELCh color $61, 27.118, 109.829$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45, 29.300, 296.116$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 27.289, 109.397$, and $41, 27.128, 110.046$ is the 20% darker color. If you saturate the color by 10%, you get $61, 35.119, 109.010$, and if you desaturate by 10%, it is $61, 18.892, 110.681$.

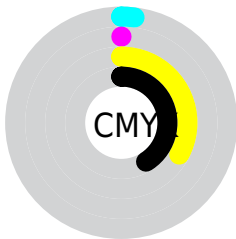
Distribution



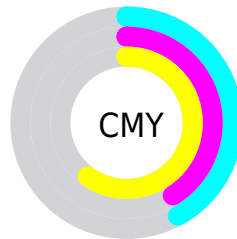
- Red (58%)
- Green (59%)
- Blue (40%)



- Red (40%)
- Yellow (59%)
- Blue (41%)



- Cyan (2%)
- Magenta (0%)
- Yellow (33%)
- Black (41%)





- Cyan (42%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 27.118, 109.829 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, 27.118, 109.829 by changing the saturation by 10% instead.

 61, 27.118,
109.829


 61, 27.118,
109.829


 100, 27.118,
109.829


 51, 27.118,
109.829


 81, 27.118,
109.829

 41, 27.118,
109.829

 91, 27.118,
109.829

 31, 27.118,
109.829

 21, 27.118,
109.829

 11, 27.118,
109.829

 1, 27.118, 109.829

 0, 27.118, 109.829

■ 61, 27.118,
109.829

■ 61, 27.118,
109.829

■ 61, 35.119,
109.010

■ 61, 18.892,
110.681

■ 60, 42.744,
108.241

■ 62, 10.534,
111.535

■ 60, 49.771,
107.562

■ 62, 2.111, 112.369

■ 60, 55.892,
107.021

■ 63, 6.335, 293.217

■ 60, 60.732,
106.670

■ 63, 14.775,
294.013

■ 60, 63.949,
106.556

■ 64, 23.187,
294.778

■ 60, 65.631,
106.575

■ 65, 31.556,
295.507

■ 65, 39.871,
296.198

■ 66, 48.120,
296.849

Harmonies

Complementary

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



61, 27.118, 109.829



45, 29.300, 296.116

Rectangle

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



61, 27.118, 109.829



61, 27.118, 159.829



61, 27.118, 289.829



61, 27.118, 339.829

Sweetspot

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



61, 27.119, 109.832



79, 10.453, 111.731



49, 20.383, 25.867



42, 7.187, 111.621



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 27.119, 109.832



77, 40.103, 109.229



59, 29.483, 129.343



32, 4.821, 111.813



56, 62.282, 106.552



3, 5.238, 112.881

Inverse Universe

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



45, 29.300, 296.116



54, 44.268, 297.165



47, 30.664, 312.261



30, 4.924, 293.426



15, 85.413, 306.540



0, 5.237, 292.553

Previews

White Background



This preview shows how the CIELCh color 61, 27.118, 109.829 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, 27.118, 109.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

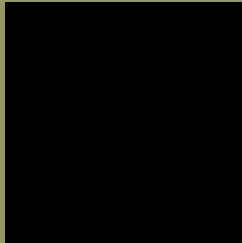
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

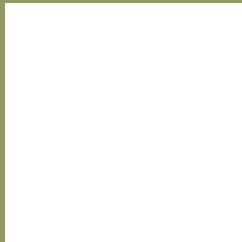
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 27.118, 109.829

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.118, 109.829.



This preview shows how white text looks on a background with the CIELCh color 61, 27.118, 109.829.

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

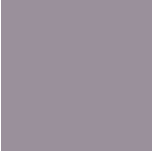
61, 27.118, 109.829

Protanopia

61, 26.656, 95.907

Deuteranopia

61, 25.784, 72.556



Tritanopia
61, 7.320, 322.282

Trichromacy



Original Color
61, 27.118, 109.829

Protanomaly
61, 26.266, 100.588

Deuteranomaly
61, 25.080, 87.199

Tritanomaly
61, 6.091, 86.318

Monochromacy



Original Color
61, 27.118, 109.829

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 9.556, 111.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.118, 109.829 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, 151, 102)` looks like.

```
.text, #text, p{  
    color:rgb(148, 151, 102)  
}
```

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, 151, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 151, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.118, 109.829 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, 151, 102) }
```

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

```
.border{ border-color:rgb(148, 151, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 151, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 151, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 151, 102);  
box-shadow:4px 4px 4px 4px rgb(148, 151,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.118, 109.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 151, 102) }
```

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

```
.background{ background-color: rgb(148,  
151, 102) }
```

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