

Converting Colors

CIELCh(61, 27.014, 107.329)

Have a look what the booklet for
CIELCh(61, 27.014, 107.329)
contains.

CIELCh(61, 27.111, 107.104)	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, 27.111, 107.104)

Conversions

Conversions Part 1

Format	Color
Hex	969665
RGB	150, 150, 101
RGB Percent	59%, 59%, 40%
CMY	0.4117, 0.4116, 0.6038
CMYK	0.00, 0.00, 0.33, 0.41
HSL	60°, 20%, 49%
HSV	60°, 33%, 59%
XYZ	25.8436, 29.2481, 16.6017
YIQ	144.4140, 15.7290, -15.2390

Conversions

Conversions Part 2

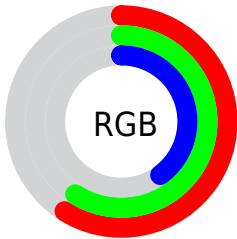
Format	Color
R_{YB}	101, 150, 101
Decimal	9868901
CIE _{Lab}	61.00, -7.97, 25.91
CIE _{LCh}	61, 27.111, 107.104
Yxy	29.2481, 0.3605, 0.4080
Android (android.graphics.Color)	4288058981 (0xFF969665)
YUV	144.4140, -21.4031, 4.8989
Hunter-Lab	54.0815, -9.3439, 19.6565

Details

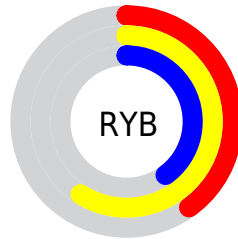
The CIELCh color $61, 27.111, 107.104$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45, 29.319, 294.165$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 27.297, 106.884$, and $41, 27.096, 107.031$ is the 20% darker color. If you saturate the color by 10%, you get $61, 35.071, 106.195$, and if you desaturate by 10%, it is $61, 18.926, 108.045$.

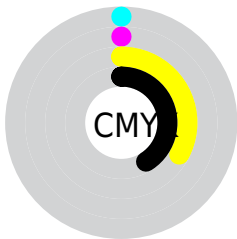
Distribution



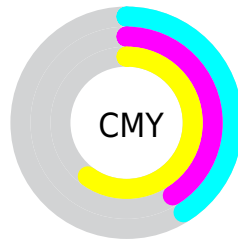
- Red (59%)
- Green (59%)
- Blue (40%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 27.111, 107.104 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, 27.111, 107.104 by changing the saturation by 10% instead.


 61, 27.111,
107.104


 61, 27.111,
107.104


 100, 27.111,
107.104


 51, 27.111,
107.104


 81, 27.111,
107.104


 41, 27.111,
107.104


 91, 27.111,
107.104

 31, 27.111,
107.104

 21, 27.111,
107.104

 11, 27.111,
107.104

 1, 27.111, 107.104

 0, 27.111, 107.104

■ 61, 27.111,
107.104

■ 61, 27.111,
107.104

■ 61, 35.071,
106.195

■ 61, 18.926,
108.045

■ 61, 42.653,
105.332

■ 62, 10.610,
108.989

■ 60, 49.632,
104.549

■ 62, 2.229, 109.910

■ 60, 55.698,
103.879

■ 62, 6.175, 290.863

■ 60, 60.473,
103.362

■ 63, 14.574,
291.753

■ 60, 63.622,
103.027

■ 63, 22.949,
292.614

■ 60, 65.242,
102.856

■ 64, 31.285,
293.439

■ 65, 39.572,
294.224

■ 65, 47.799,
294.967

Harmonies

Complementary

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



61, 27.111, 107.104



45, 29.319, 294.165

Rectangle

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



61, 27.111, 107.104



61, 27.111, 157.104



61, 27.111, 287.104



61, 27.111, 337.104

Sweetspot

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



61, 27.112, 107.107



78, 10.328, 109.221



48, 21.362, 22.140



41, 7.024, 109.102



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, 27.112, 107.107



77, 39.629, 106.455



59, 29.131, 127.584



31, 4.681, 109.315



56, 61.289, 102.856



3, 4.113, 110.179

Inverse Universe

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



45, 29.319, 294.165



53, 43.778, 295.334



47, 30.465, 310.628



28, 4.780, 291.105



15, 84.629, 306.288



0, 4.113, 290.181

Previews

White Background



This preview shows how the CIELCh color 61, 27.111, 107.104 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, 27.111, 107.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

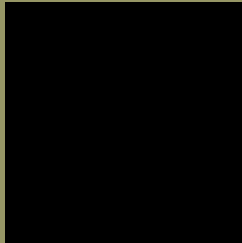
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

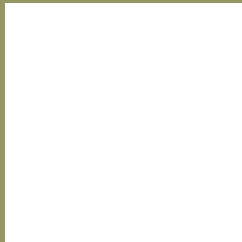
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 27.111, 107.104

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.111, 107.104.



This preview shows how white text looks on a background with the CIELCh color 61, 27.111, 107.104.

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, 27.111, 107.104

Protanopia

61, 26.656, 95.907

Deuteranopia

61, 26.257, 73.144



Tritanopia
61, 8.439, 327.019

Trichromacy



Original Color
61, 27.111, 107.104

Protanomaly
61, 26.861, 99.726

Deuteranomaly
61, 25.452, 85.326

Tritanomaly
61, 6.948, 81.892

Monochromacy



Original Color
61, 27.111, 107.104

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 10.103, 109.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.111, 107.104 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(150, 150, 101)` looks like.

```
.text, #text, p{  
    color:rgb(150, 150, 101)  
}
```

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(150, 150, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 150, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.111, 107.104 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(150, 150, 101) }
```

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

```
.border{ border-color:rgb(150, 150, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 150, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 150, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 150, 101);  
box-shadow:4px 4px 4px 4px rgb(150, 150,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.111, 107.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 150, 101) }
```

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

```
.background{ background-color: rgb(150,  
150, 101) }
```

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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