

Converting Colors

CIELCh(61, 29.319, 111.071)

Have a look what the booklet for
CIELCh(61, 29.319, 111.071)
contains.

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Color

CIELCh(61, 29.319, 111.071)

Conversions

Conversions Part 1

Format	Color
Hex	929762
RGB	146, 151, 98
RGB Percent	57%, 59%, 38%
CMY	0.4263, 0.4067, 0.6146
CMYK	0.03, 0.00, 0.35, 0.41
HSL	66°, 21%, 49%
HSV	66°, 35%, 59%
XYZ	25.2340, 29.2481, 15.9365
YIQ	143.4630, 14.0330, -17.5430

Conversions

Conversions Part 2

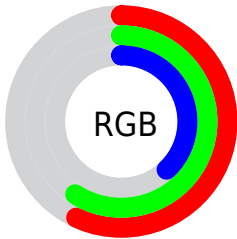
Format	Color
R_{YB}	98, 151, 103
Decimal	9607010
CIE _{Lab}	61.00, -10.54, 27.36
CIE _{LCh}	61, 29.319, 111.071
Yxy	29.2481, 0.3583, 0.4153
Android (android.graphics.Color)	4287797090 (0xFF929762)
YUV	143.4630, -22.4133, 2.2249
Hunter-Lab	54.0815, -11.3561, 20.3858

Details

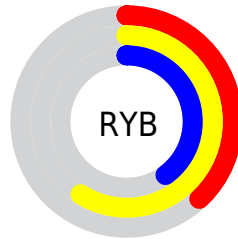
The CIELCh color $61, 29.319, 111.071$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44, 31.879, 297.516$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 29.390, 110.651$, and $41, 29.402, 111.272$ is the 20% darker color. If you saturate the color by 10%, you get $61, 37.283, 110.309$, and if you desaturate by 10%, it is $61, 21.098, 111.873$.

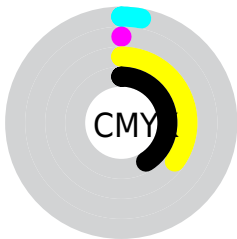
Distribution



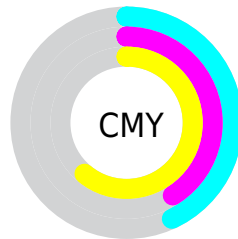
- Red (57%)
- Green (59%)
- Blue (38%)



- Red (38%)
- Yellow (59%)
- Blue (40%)



- Cyan (3%)
- Magenta (0%)
- Yellow (35%)
- Black (41%)





- Cyan (43%)
- Magenta (41%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 29.319, 111.071 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, 29.319, 111.071 by changing the saturation by 10% instead.


 61, 29.319,
111.071


 61, 29.319,
111.071


 100, 29.319,
111.071


 51, 29.319,
111.071


 81, 29.319,
111.071

 41, 29.319,
111.071

 91, 29.319,
111.071

 31, 29.319,
111.071

 21, 29.319,
111.071

 11, 29.319,
111.071

 1, 29.319, 111.071

 0, 29.319, 111.071

■ 61, 29.319,
111.071

■ 61, 29.319,
111.071

■ 61, 37.283,
110.309

■ 61, 21.098,
111.873

■ 60, 44.821,
109.609

■ 62, 12.724,
112.681

■ 60, 51.694,
109.018

■ 62, 4.271, 113.481

■ 60, 57.570,
108.590

■ 63, 4.213, 294.277

■ 60, 62.068,
108.388

■ 63, 12.695,
295.032

■ 60, 64.912,
108.460

■ 64, 21.152,
295.758

■ 59, 66.049,
108.535

■ 65, 29.567,
296.449

■ 65, 37.925,
297.103

■ 66, 46.218,
297.719

Harmonies

Complementary

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



61, 29.319, 111.071



44, 31.879, 297.516

Rectangle

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



61, 29.319, 111.071



61, 29.319, 161.071



61, 29.319, 291.071



61, 29.319, 341.071

Sweetspot

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



61, 29.320, 111.074



79, 11.515, 112.990



48, 21.637, 28.783



42, 7.797, 112.891



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, 29.320, 111.074



77, 43.113, 110.474



59, 32.148, 130.352



32, 4.829, 113.149



55, 62.493, 108.498



3, 5.247, 114.279

Inverse Universe

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



44, 31.879, 297.516



52, 47.988, 298.598



47, 33.416, 313.465



30, 4.931, 294.667



15, 85.217, 306.684



0, 5.245, 293.823

Previews

White Background



This preview shows how the CIELCh color 61, 29.319, 111.071 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, 29.319, 111.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

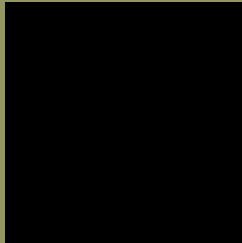
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 29.319, 111.071

Background



This preview shows how black text looks on a background with the CIELCh color 61, 29.319, 111.071.



This preview shows how white text looks on a background with the CIELCh color 61, 29.319, 111.071.

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, 29.319, 111.071

Protanopia

61, 28.349, 95.438

Deuteranopia

61, 27.473, 73.497



Tritanopia
61, 7.622, 317.593

Trichromacy



Original Color
61, 29.319, 111.071

Protanomaly
61, 28.878, 101.725

Deuteranomaly
61, 26.646, 88.142

Tritanomaly
61, 6.906, 95.992

Monochromacy



Original Color
61, 29.319, 111.071

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 11.247, 113.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 29.319, 111.071 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(146, 151, 98)` looks like.

```
.text, #text, p{  
    color:rgb(146, 151, 98)  
}
```

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(146, 151, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 151, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 29.319, 111.071 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(146, 151, 98) }
```

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

```
.border{ border-color:rgb(146, 151, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 151, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 151, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 151, 98);  
box-shadow:4px 4px 4px 4px rgb(146, 151,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 29.319, 111.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 151, 98) }
```

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

```
.background{ background-color: rgb(146,  
151, 98) }
```

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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