

Converting Colors

CIELCh(61, 19.529, 117.143)

Have a look what the booklet for
CIELCh(61, 19.529, 117.143)
contains.

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Color

CIELCh(61, 19.769, 117.620)

Conversions

Conversions Part 1

Format	Color
Hex	8F9774
RGB	143, 151, 116
RGB Percent	56%, 59%, 45%
CMY	0.4391, 0.4077, 0.5450
CMYK	0.05, 0.00, 0.23, 0.41
HSL	74°, 14%, 52%
HSV	74°, 23%, 59%
XYZ	25.5595, 29.2481, 20.8309
YIQ	144.6180, 6.4670, -12.5810

Conversions

Conversions Part 2

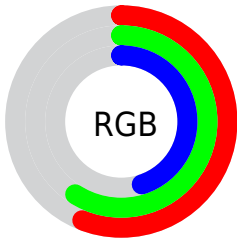
Format	Color
RYB	116, 151, 124
Decimal	9410420
CIELab	61.00, -9.17, 17.52
CIELCh	61, 19.769, 117.620
Yxy	29.2481, 0.3379, 0.3867
Android (android.graphics.Color)	4287600500 (0xFF8F9774)
YUV	144.6180, -14.1087, -1.4190
Hunter-Lab	54.0815, -10.2817, 15.0200

Details

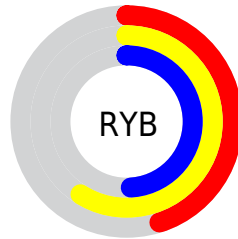
The CIELCh color $61, 19.769, 117.620$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51, 20.736, 300.775$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 19.749, 117.425$, and $41, 19.446, 118.027$ is the 20% darker color. If you saturate the color by 10%, you get $60, 28.145, 116.985$, and if you desaturate by 10%, it is $62, 11.271, 118.267$.

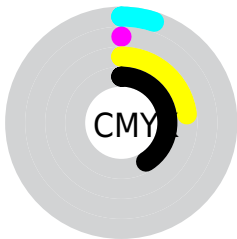
Distribution



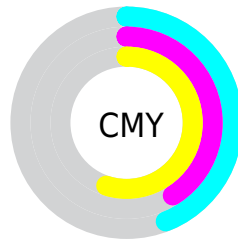
- Red (56%)
- Green (59%)
- Blue (45%)



- Red (45%)
- Yellow (59%)
- Blue (49%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)





- Cyan (44%)
- Magenta (41%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.769, 117.620 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, 19.769, 117.620 by changing the saturation by 10% instead.


 61, 19.769,
117.620


 61, 19.769,
117.620


 100, 19.769,
117.620


 51, 19.769,
117.620


 81, 19.769,
117.620

 41, 19.769,
117.620

 91, 19.769,
117.620

 31, 19.769,
117.620

 21, 19.769,
117.620

 11, 19.769,
117.620

 1, 19.769, 117.620

 0, 19.769, 117.620

■ 61, 19.769,
117.620

■ 61, 19.769,
117.620

■ 60, 28.145,
116.985

■ 62, 11.271,
118.267

■ 60, 36.293,
116.377

■ 62, 2.714, 118.904

■ 59, 44.068,
115.835

■ 63, 5.854, 299.504

■ 59, 51.247,
115.413

■ 64, 14.400,
300.088

■ 59, 57.527,
115.184

■ 65, 22.900,
300.638

■ 58, 62.537,
115.236

■ 65, 31.337,
301.154

■ 58, 65.946,
115.657

■ 66, 39.695,
301.635

■ 58, 67.702,

■ 67, 47.966,
302.083

116.064

■ 68, 56.142,
302.497

Harmonies

Complementary

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



61, 19.769, 117.620



51, 20.736, 300.775

Rectangle

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



61, 19.769, 117.620



61, 19.769, 167.620



61, 19.769, 297.620



61, 19.769, 347.620

Sweetspot

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



61, 19.770, 117.623



79, 7.418, 118.652



54, 12.395, 40.927



42, 4.858, 118.619



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, 19.770, 117.623



77, 29.504, 117.278



60, 22.119, 135.208



32, 4.888, 118.519



54, 64.114, 115.986



3, 5.312, 119.587

Inverse Universe

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



51, 20.736, 300.775



62, 31.331, 301.245



52, 22.473, 317.220



30, 4.983, 299.699



17, 83.953, 307.688



0, 5.302, 298.946

Previews

White Background



This preview shows how the CIE LCh color 61, 19.769, 117.620 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, 19.769, 117.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

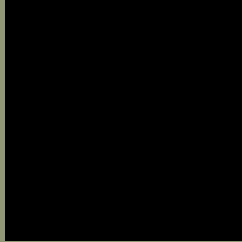
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 19.769, 117.620

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.769, 117.620.



This preview shows how white text looks on a background with the CIELCh color 61, 19.769, 117.620.

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, 19.769, 117.620

Protanopia

61, 18.918, 95.169

Deuteranopia

61, 18.295, 64.565



Tritanopia
61, 6.318, 301.187

Trichromacy



Original Color
61, 19.769, 117.620

Protanomaly
61, 18.487, 102.876

Deuteranomaly
61, 17.113, 85.151

Tritanomaly
61, 3.387, 116.425

Monochromacy



Original Color
61, 19.769, 117.620

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 7.404, 118.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 19.769, 117.620 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(143, 151, 116)` looks like.

```
.text, #text, p{  
    color:rgb(143, 151, 116)  
}
```

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(143, 151, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 151, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.769, 117.620 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(143, 151, 116) }
```

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

```
.border{ border-color:rgb(143, 151, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 151, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 151, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 151, 116);  
box-shadow:4px 4px 4px 4px rgb(143, 151,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.769, 117.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 151, 116) }
```

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

```
.background{ background-color: rgb(143,  
151, 116) }
```

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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