

Converting Colors

CIELCh(61, 15.079, 114.732)

Have a look what the booklet for
CIELCh(61, 15.079, 114.732)
contains.

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Color

CIELCh(61, 15.163, 114.676)

Conversions

Conversions Part 1

Format	Color
Hex	92967B
RGB	146, 150, 123
RGB Percent	57%, 59%, 48%
CMY	0.4284, 0.4127, 0.5186
CMYK	0.03, 0.00, 0.18, 0.41
HSL	69°, 11%, 53%
HSV	69°, 18%, 59%
XYZ	26.2389, 29.2481, 22.9242
YIQ	145.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

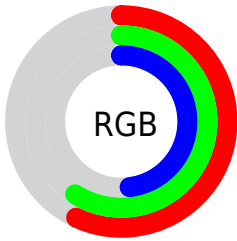
Format	Color
RYB	123, 150, 127
Decimal	9606779
CIELab	61.00, -6.33, 13.78
CIElCh	61, 15.163, 114.676
Yxy	29.2481, 0.3346, 0.3730
Android (android.graphics.Color)	4287796859 (0xFF92967B)
YUV	145.7260, -11.2039, 0.2403
Hunter-Lab	54.0815, -8.0392, 12.7251

Details

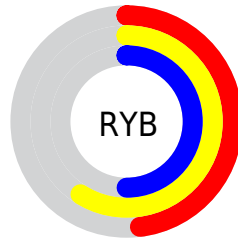
The CIELCh color $61, 15.163, 114.676$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $53, 15.764, 297.462$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 14.864, 114.752$, and $41, 15.105, 114.716$ is the 20% darker color. If you saturate the color by 10%, you get $61, 23.471, 113.944$, and if you desaturate by 10%, it is $62, 6.764, 115.413$.

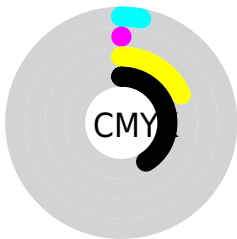
Distribution



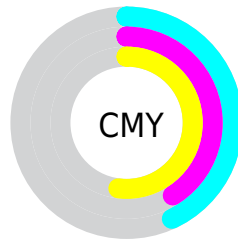
- Red (57%)
- Green (59%)
- Blue (48%)



- Red (48%)
- Yellow (59%)
- Blue (50%)



- Cyan (3%)
- Magenta (0%)
- Yellow (18%)
- Black (41%)





- Cyan (43%)
- Magenta (41%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 15.163, 114.676 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, 15.163, 114.676 by changing the saturation by 10% instead.


 61, 15.163,
114.676


 61, 15.163,
114.676


 100, 15.163,
114.676


 51, 15.163,
114.676


 81, 15.163,
114.676

 41, 15.163,
114.676

 91, 15.163,
114.676

 31, 15.163,
114.676

 21, 15.163,
114.676

 11, 15.163,
114.676

 1, 15.163, 114.676

 0, 15.163, 114.676

■ 61, 15.163,
114.676

■ 61, 15.163,
114.676

■ 61, 23.471,
113.944

■ 62, 6.764, 115.413

■ 60, 31.602,
113.224

■ 62, 1.676, 296.136

■ 60, 39.438,
112.549

■ 63, 10.118,
296.826

■ 59, 46.798,
111.956

■ 63, 18.537,
297.488

■ 59, 53.418,
111.499

■ 64, 26.912,
298.116

■ 59, 58.954,
111.247

■ 65, 35.229,
298.708

■ 59, 63.034,
111.275

■ 66, 43.476,
299.265

■ 58, 65.626,

■ 67, 51.645,
299.785

111.591

67, 58.364,
300.297

58, 66.105,
111.657

Harmonies

Complementary

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



61, 15.163, 114.676



53, 15.764, 297.462

Rectangle

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



61, 15.163, 114.676



61, 15.163, 164.676



61, 15.163, 294.676



61, 15.163, 344.676

Sweetspot

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



61, 15.164, 114.680



78, 5.199, 115.625



55, 9.899, 32.307



41, 3.537, 115.579



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, 15.164, 114.680



77, 22.799, 114.355



60, 16.668, 132.823



31, 4.713, 115.328



54, 62.168, 111.594



3, 4.140, 115.991

Inverse Universe

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



53, 15.764, 297.462



64, 23.943, 297.885



54, 16.951, 314.324



29, 4.810, 296.694



15, 83.663, 307.012



0, 4.140, 295.991

Previews

White Background



This preview shows how the CIELCh color 61, 15.163, 114.676 looks on a white background.

Color Contrast Check

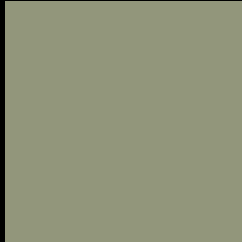
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.163, 114.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

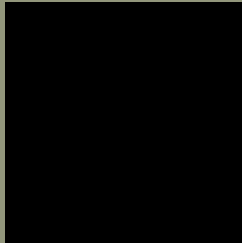
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

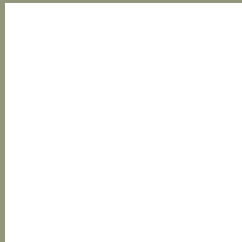
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 15.163, 114.676

Background



This preview shows how black text looks on a background with the CIELCh color 61, 15.163, 114.676.



This preview shows how white text looks on a background with the CIELCh color 61, 15.163, 114.676.

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, 15.163, 114.676

Protanopia

61, 14.920, 95.645

Deuteranopia

61, 15.220, 58.733



Tritanopia
61, 7.052, 306.460

Trichromacy



Original Color
61, 15.163, 114.676

Protanomaly
61, 14.622, 102.037

Deuteranomaly
61, 13.297, 76.791

Tritanomaly
61, 1.178, 90.721

Monochromacy



Original Color
61, 15.163, 114.676

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 5.675, 117.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 15.163, 114.676 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, 150, 123)` looks like.

```
.text, #text, p{  
    color:rgb(146, 150, 123)  
}
```

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, 150, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 150, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 15.163, 114.676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

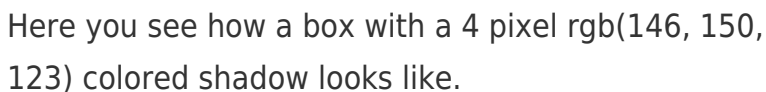
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 150, 123) }
```

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

```
.border{ border-color:rgb(146, 150, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 150, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 150, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 150, 123);  
box-shadow:4px 4px 4px 4px rgb(146, 150,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 15.163, 114.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 150, 123) }
```

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

```
.background{ background-color: rgb(146,  
150, 123) }
```

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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