

Converting Colors

CIELCh(61, 23.186, 138.153)

Have a look what the booklet for
CIELCh(61, 23.186, 138.153)
contains.

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Color

CIELCh(61, 23.266, 137.829)

Conversions

Conversions Part 1

Format	Color
Hex	7E9B77
RGB	126, 155, 119
RGB Percent	49%, 61%, 47%
CMY	0.5055, 0.3918, 0.5330
CMYK	0.19, 0.00, 0.23, 0.39
HSL	108°, 15%, 54%
HSV	108°, 23%, 61%
XYZ	23.6878, 29.2481, 21.8764
YIQ	142.2250, -5.7280, -17.3440

Conversions

Conversions Part 2

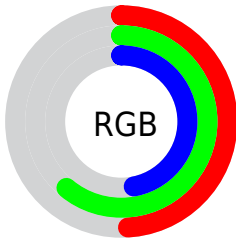
Format	Color
R_{YB}	119, 155, 148
Decimal	8297335
CIE _{Lab}	61.00, -17.24, 15.62
CIE _{LCh}	61, 23.266, 137.829
Yxy	29.2481, 0.3166, 0.3910
Android (android.graphics.Color)	4286487415 (0xFF7E9B77)
YUV	142.2250, -11.4499, -14.2293
Hunter-Lab	54.0815, -16.4595, 13.8738

Details

The CIELCh color $61, 23.266, 137.829$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $54, 23.508, 319.984$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 23.728, 137.759$, and $41, 23.730, 137.834$ is the 20% darker color. If you saturate the color by 10%, you get $60, 33.254, 137.225$, and if you desaturate by 10%, it is $62, 13.209, 138.376$.

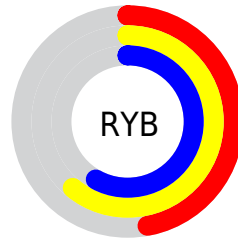
Distribution



Red (49%)

Green (61%)

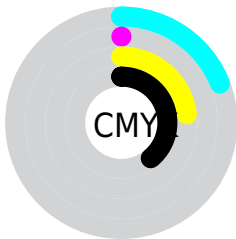
Blue (47%)



Red (47%)

Yellow (61%)

Blue (58%)

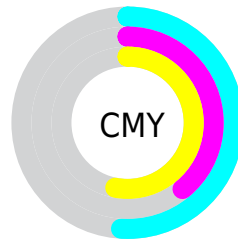


Cyan (19%)

Magenta (0%)

Yellow (23%)

Black (39%)



Cyan (51%)


Magenta (39%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.266, 137.829 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, 23.266, 137.829 by changing the saturation by 10% instead.


 61, 23.266,
137.829


 61, 23.266,
137.829


 100, 23.266,
137.829


 51, 23.266,
137.829


 81, 23.266,
137.829

 41, 23.266,
137.829

 91, 23.266,
137.829

 31, 23.266,
137.829

 21, 23.266,
137.829

 11, 23.266,
137.829

 1, 23.266, 137.829

 0, 23.266, 137.829

61, 23.266,
137.829

61, 23.266,
137.829

60, 33.254,
137.225

62, 13.209,
138.376

59, 43.017,
136.571

64, 3.191, 138.893

58, 52.349,
135.896

65, 6.706, 319.226

57, 60.978,
135.253

67, 16.426,
319.598

57, 68.550,
134.729

68, 25.933,
319.908

56, 74.653,
134.442

70, 35.204,
320.171


56, 78.919,
134.504

72, 44.227,
320.396

56, 81.053,

74, 52.997,
320.587

134.591

 75, 59.875,
321.621

Harmonies

Complementary

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



61, 23.266, 137.829



54, 23.508, 319.984

Rectangle

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



61, 23.266, 137.829



61, 23.266, 187.829



61, 23.266, 317.829



61, 23.266, 7.829

Sweetspot

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



61, 23.267, 137.830



80, 8.629, 138.684



61, 16.366, 97.774



42, 5.653, 138.657



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 23.267, 137.830



77, 34.725, 137.515



61, 19.966, 152.551



32, 5.575, 138.579



51, 75.227, 134.505



3, 6.017, 139.076

Inverse Universe

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



54, 23.508, 319.984



66, 35.156, 320.217



54, 20.146, 335.883



30, 5.605, 319.357



28, 75.374, 321.051



1, 5.988, 318.571

Previews

White Background



This preview shows how the CIELCh color 61, 23.266, 137.829 looks on a white background.

Color Contrast Check

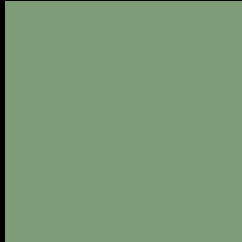
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.266, 137.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

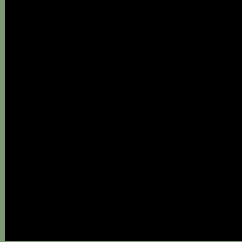
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.266, 137.829

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.266, 137.829.

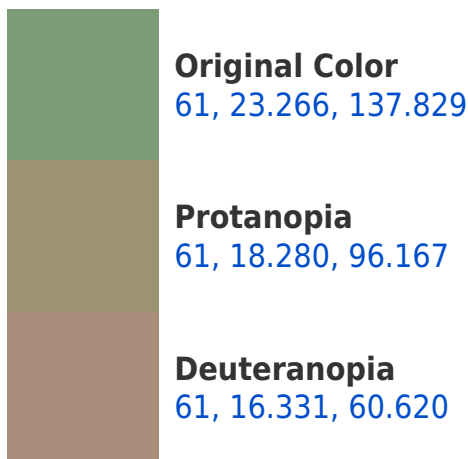


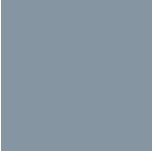
This preview shows how white text looks on a background with the CIELCh color 61, 23.266, 137.829.

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





Tritanopia
61, 8.792, 249.525

Trichromacy



Original Color
61, 23.266, 137.829

Protanomaly
61, 19.058, 114.286

Deuteranomaly
61, 14.394, 95.227

Tritanomaly
61, 8.467, 179.190

Monochromacy



Original Color
61, 23.266, 137.829

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.547, 139.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.266, 137.829 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(126, 155, 119)` looks like.

```
.text, #text, p{  
    color:rgb(126, 155, 119)  
}
```

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(126, 155, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 155, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.266, 137.829 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(126, 155, 119) }
```

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

```
.border{ border-color:rgb(126, 155, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 155, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 155, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 155, 119);  
box-shadow:4px 4px 4px 4px rgb(126, 155,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.266, 137.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 155, 119) }
```

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

```
.background{ background-color: rgb(126,  
155, 119) }
```

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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