

Converting Colors

CIELCh(60, 19.524, 136.909)

Have a look what the booklet for
CIELCh(60, 19.524, 136.909)
contains.

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Color

CIELCh(60, 19.239, 136.886)

Conversions

Conversions Part 1	
Format	Color
Hex	809779
RGB	128, 151, 121
RGB Percent	50%, 59%, 47%
CMY	0.4979, 0.4076, 0.5253
CMYK	0.15, 0.00, 0.20, 0.41
HSL	106°, 13%, 53%
HSV	106°, 20%, 59%
XYZ	23.4377, 28.1233, 22.2973
YIQ	140.7030, -4.0780, -14.2060

Conversions

Conversions Part 2

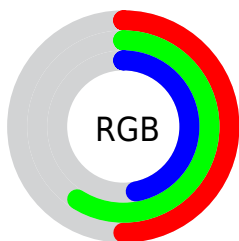
Format	Color
RYB	121, 151, 144
Decimal	8427385
CIELab	60.00, -14.04, 13.15
CIELCh	60, 19.239, 136.886
Yxy	28.1233, 0.3173, 0.3808
Android (android.graphics.Color)	4286617465 (0xFF809779)
YUV	140.7030, -9.7136, -11.1405
Hunter-Lab	53.0314, -13.9154, 12.1933

Details

The CIELCh color $60, 19.239, 136.886$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $54, 19.453, 318.641$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 19.275, 136.587$, and $40, 19.459, 137.056$ is the 20% darker color. If you saturate the color by 10%, you get $59, 28.933, 136.333$, and if you desaturate by 10%, it is $61, 9.519, 137.391$.

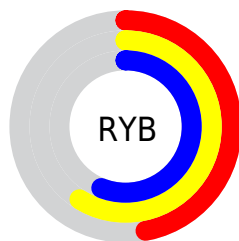
Distribution



Red (50%)

Green (59%)

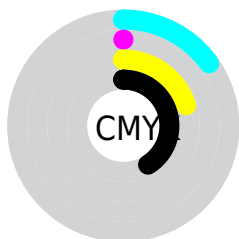
Blue (47%)



Red (47%)

Yellow (59%)

Blue (56%)

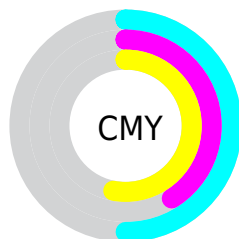


Cyan (15%)

Magenta (0%)

Yellow (20%)

Black (41%)



Cyan (50%)


Magenta (41%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 19.239, 136.886 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 60, 19.239, 136.886 by changing the saturation by 10% instead.


 60, 19.239,
136.886


 60, 19.239,
136.886


 100, 19.239,
136.886


 50, 19.239,
136.886


 80, 19.239,
136.886

 40, 19.239,
136.886


 90, 19.239,
136.886


 30, 19.239,
136.886

 20, 19.239,
136.886

 10, 19.239,
136.886


 0, 19.239, 136.886

 60, 19.239,


 60, 19.239,

136.886


136.886

 59, 28.933,
136.333


 61, 9.519, 137.391


 58, 38.470,
135.735

 63, 0.139, 316.644

 57, 47.679,
135.116


 64, 9.669, 318.177


 56, 56.328,
134.522

 65, 19.025,
318.516


 56, 64.107,
134.029


 67, 28.178,
318.804

 55, 70.636,
133.745

 69, 37.110,
319.050

 55, 75.525,
133.789

 70, 45.811,
319.260

 55, 78.908,
134.052

 72, 54.280,
319.439

 74, 61.607,

■ 55,78.952,
134.054

320.030

Harmonies

Complementary

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



60, 19.239, 136.886



54, 19.453, 318.641

Rectangle

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



60, 19.239, 136.886



60, 19.239, 186.886



60, 19.239, 316.886



60, 19.239, 6.886

Sweetspot

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



60, 19.241, 136.887



78, 7.154, 137.572



60, 13.242, 96.028



41, 4.785, 137.544



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 19.241, 136.887



76, 28.804, 136.638



60, 17.139, 151.565



32, 5.510, 137.421



51, 74.722, 133.981



3, 5.950, 137.926

Inverse Universe

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



54, 19.453, 318.641



66, 29.189, 318.841



54, 17.249, 334.269



30, 5.545, 318.175



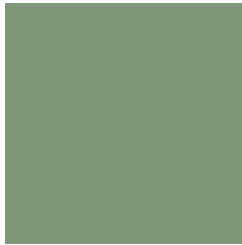
27, 75.805, 319.728



1, 5.922, 317.410

Previews

White Background



This preview shows how the CIELCh color 60, 19.239, 136.886 looks on a white background.

Color Contrast Check

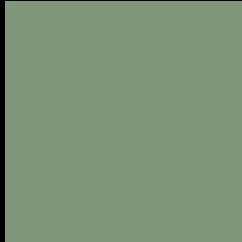
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 19.239, 136.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

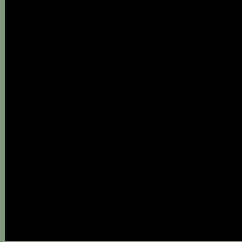
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 19.239, 136.886

Background



This preview shows how black text looks on a background with the CIELCh color 60, 19.239, 136.886.



This preview shows how white text looks on a background with the CIELCh color 60, 19.239, 136.886.

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


60, 19.239, 136.886

Protanopia

60, 15.078, 94.039

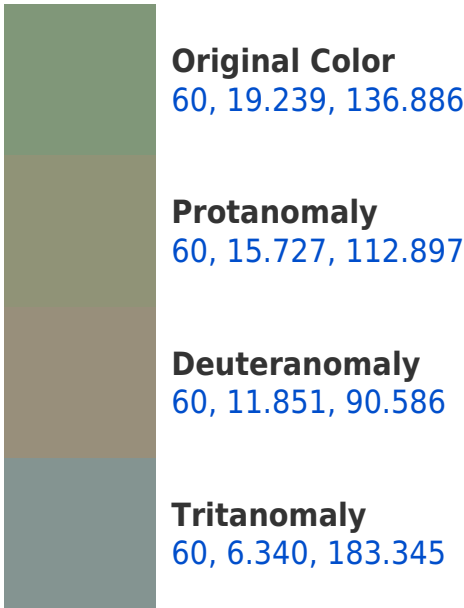
Deuteranopia

60, 14.179, 56.502



Tritanopia
60, 7.988, 257.484

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 19.239, 136.886 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(128, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(128, 151, 121)  
}
```

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(128, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 151, 121) }
```

Border

The CSS property to change the border of an element to CIElCh 60, 19.239, 136.886 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(128, 151, 121) }
```

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

```
.border{ border-color:rgb(128, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(128, 151,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 19.239, 136.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 151, 121) }
```

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

```
.background{ background-color: rgb(128,  
151, 121) }
```

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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