

Converting Colors

CIELCh(62, 19.600, 128.147)

Have a look what the booklet for
CIELCh(62, 19.600, 128.147)
contains.

CIELCh(62, 19.484, 127.581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 19.484, 127.581)

Conversions

Conversions Part 1

Format	Color
Hex	8B9B7A
RGB	139, 155, 122
RGB Percent	55%, 61%, 48%
CMY	0.4543, 0.3916, 0.5210
CMYK	0.10, 0.00, 0.21, 0.39
HSL	89°, 14%, 54%
HSV	89°, 21%, 61%
XYZ	25.9397, 30.4025, 22.9599
YIQ	146.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

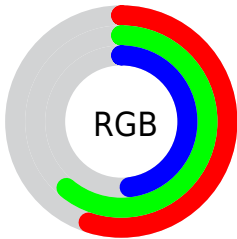
Format	Color
RYB	122, 155, 138
Decimal	9149306
CIELab	62.00, -11.88, 15.44
CIELCh	62, 19.484, 127.581
Yxy	30.4025, 0.3271, 0.3834
Android (android.graphics.Color)	4287339386 (0xFF8B9B7A)
YUV	146.4540, -12.0558, -6.5372
Hunter-Lab	55.1385, -12.5176, 13.9084

Details

The CIELCh color $62, 19.484, 127.581$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $54, 20.067, 309.531$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.932, 127.290$, and $42, 19.632, 127.193$ is the 20% darker color. If you saturate the color by 10%, you get $61, 28.575, 127.104$, and if you desaturate by 10%, it is $63, 10.323, 128.053$.

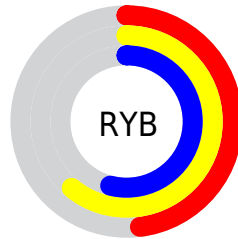
Distribution



Red (55%)

Green (61%)

Blue (48%)



Red (48%)

Yellow (61%)

Blue (54%)

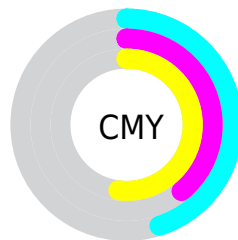


Cyan (10%)

Magenta (0%)

Yellow (21%)

Black (39%)



Cyan (45%)

Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 19.484, 127.581 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 62, 19.484, 127.581 by changing the saturation by 10% instead.

■ 62, 19.484,
127.581

■ 62, 19.484,
127.581

■ 100, 19.484,
127.581

■ 52, 19.484,
127.581

■ 82, 19.484,
127.581

■ 42, 19.484,
127.581

■ 92, 19.484,
127.581

■ 32, 19.484,
127.581

■ 22, 19.484,
127.581

■ 12, 19.484,
127.581

■ 2, 19.484, 127.581

■ 0, 19.484, 127.581

62, 19.484,
127.581

62, 19.484,
127.581

61, 28.575,
127.104

63, 10.323,
128.053

60, 37.487,
126.635

64, 1.158, 128.566

65, 7.958, 308.883

60, 46.077,
126.214

66, 16.988,
309.264

59, 54.132,
125.898

67, 25.906,
309.607

58, 61.358,
125.773

68, 34.694,
309.915

58, 67.388,
125.953


70, 43.340,
310.191

58, 71.864,
126.553

71, 51.835,
310.438

57, 74.746,

127.313

 72, 56.778,
311.621

Harmonies

Complementary

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



62, 19.484, 127.581



54, 20.067, 309.531

Rectangle

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



62, 19.484, 127.581



62, 19.484, 177.581



62, 19.484, 307.581



62, 19.484, 357.581

Sweetspot

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



62, 19.486, 127.583



80, 6.786, 128.292



59, 11.506, 71.060



43, 4.538, 128.264



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 19.486, 127.583



78, 29.432, 127.333



61, 22.576, 142.691



32, 5.113, 128.148



52, 69.335, 127.167



3, 5.544, 128.842

Inverse Universe

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



54, 20.067, 309.531



66, 30.544, 309.804



55, 22.604, 325.104



30, 5.183, 308.936



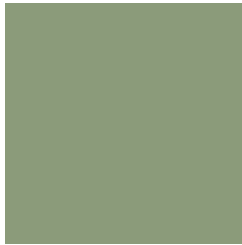
21, 80.042, 311.811



1, 5.525, 308.251

Previews

White Background



This preview shows how the CIELCh color 62, 19.484, 127.581 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 19.484, 127.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

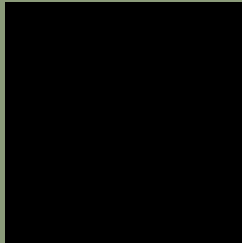
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 19.484, 127.581

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.484, 127.581.

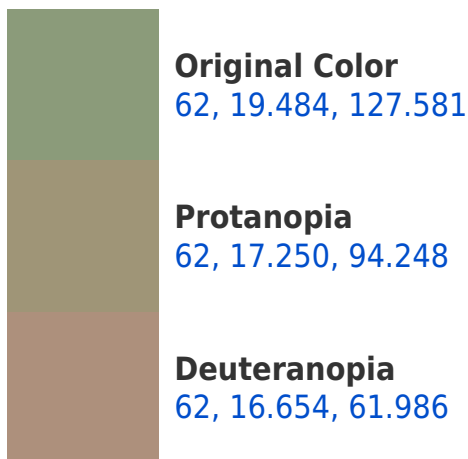


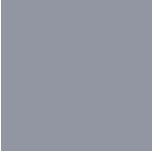
This preview shows how white text looks on a background with the CIELCh color 62, 19.484, 127.581.

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
62, 6.948, 275.483

Trichromacy



Original Color
62, 19.484, 127.581

Protanomaly
62, 17.253, 106.867

Deuteranomaly
62, 14.991, 87.454

Tritanomaly
62, 4.140, 166.346

Monochromacy



Original Color
62, 19.484, 127.581

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.144, 128.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.484, 127.581 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(139, 155, 122)` looks like.

```
.text, #text, p{  
    color:rgb(139, 155, 122)  
}
```

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(139, 155, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 155, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.484, 127.581 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(139, 155, 122) }
```

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

```
.border{ border-color:rgb(139, 155, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 155, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 155, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 155, 122);  
box-shadow:4px 4px 4px 4px rgb(139, 155,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.484, 127.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 155, 122) }
```

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

```
.background{ background-color: rgb(139,  
155, 122) }
```

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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