

Converting Colors

CIELCh(63, 14.570, 113.502)

Have a look what the booklet for
CIELCh(63, 14.570, 113.502)
contains.

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Color

CIELCh(63, 14.482, 113.412)

Conversions

Conversions Part 1

Format	Color
Hex	989B81
RGB	152, 155, 129
RGB Percent	60%, 61%, 51%
CMY	0.4049, 0.3931, 0.4951
CMYK	0.02, 0.00, 0.17, 0.39
HSL	67°, 11%, 56%
HSV	67°, 17%, 61%
XYZ	28.5260, 31.5869, 25.2760
YIQ	151.1390, 6.5580, -8.7220

Conversions

Conversions Part 2

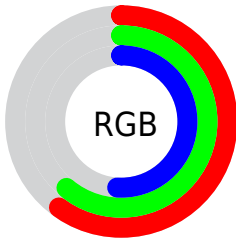
Format	Color
RYB	129, 155, 132
Decimal	10001281
CIELab	63.00, -5.75, 13.29
CIElCh	63, 14.482, 113.412
Yxy	31.5869, 0.3341, 0.3699
Android (android.graphics.Color)	4288191361 (0xFF989B81)
YUV	151.1390, -10.9145, 0.7551
Hunter-Lab	56.2022, -7.7546, 12.6769

Details

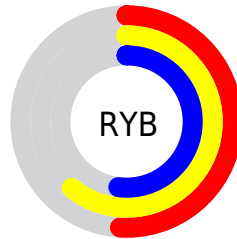
The CIELCh color **63, 14.482, 113.412** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **55, 15.026, 296.165**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 14.237, 113.516**, and **43, 14.345, 113.394** is the 20% darker color. If you saturate the color by 10%, you get **63, 23.005, 112.636**, and if you desaturate by 10%, it is **64, 5.871, 114.193**.

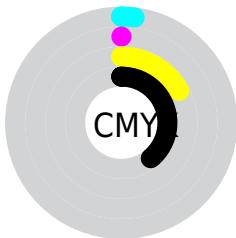
Distribution



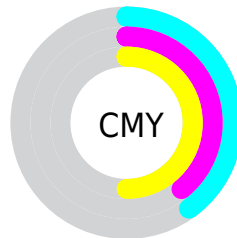
- Red (60%)
- Green (61%)
- Blue (51%)



- Red (51%)
- Yellow (61%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (39%)





- Cyan (40%)
- Magenta (39%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 14.482, 113.412 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 63, 14.482, 113.412 by changing the saturation by 10% instead.


 63, 14.482,
113.412


 63, 14.482,
113.412


 100, 14.482,
113.412


 53, 14.482,
113.412


 83, 14.482,
113.412

 43, 14.482,
113.412

 93, 14.482,
113.412

 33, 14.482,
113.412

 23, 14.482,
113.412

 13, 14.482,
113.412

 3, 14.482, 113.412

 0, 14.482, 113.412

63, 14.482,
113.412

63, 14.482,
113.412

63, 23.005,
112.636

64, 5.871, 114.193

62, 31.356,
111.868

64, 2.779, 294.963

62, 39.417,
111.140

65, 11.432,
295.693

61, 47.008,
110.488

65, 20.060,
296.397

61, 53.867,
109.958

66, 28.645,
297.066

61, 59.641,
109.614

67, 37.173,
297.698

61, 63.943,
109.522

68, 45.632,
298.293

61, 66.605,

68, 54.014,
298.850

109.715

■ 69, 55.354,
299.391

■ 60, 67.349,
109.792

Harmonies

Complementary

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



63, 14.482, 113.412



55, 15.026, 296.165

Rectangle

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



63, 14.482, 113.412



63, 14.482, 163.412



63, 14.482, 293.412



63, 14.482, 343.412

Sweetspot

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



63, 14.484, 113.417



81, 5.352, 114.323



57, 9.687, 29.067



43, 3.681, 114.273



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 14.484, 113.417



80, 21.351, 113.136



62, 15.807, 131.777



32, 4.835, 114.007



55, 62.670, 109.734



3, 5.254, 115.161

Inverse Universe

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



55, 15.026, 296.165



68, 22.335, 296.525



56, 16.085, 313.179



30, 4.937, 295.466



16, 85.068, 306.796



0, 5.251, 294.639

Previews

White Background



This preview shows how the CIELCh color 63, 14.482, 113.412 looks on a white background.

Color Contrast Check

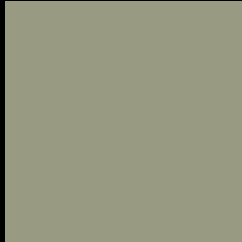
Large Text (above 18pt) WCAG AA × Fail

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 63, 14.482, 113.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

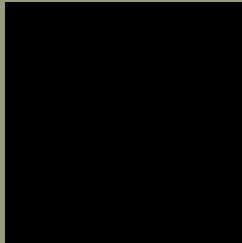
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 14.482, 113.412

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.482, 113.412.



This preview shows how white text looks on a background with the CIELCh color 63, 14.482, 113.412.

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

63, 14.482, 113.412

Protanopia

63, 14.390, 93.709

Deuteranopia

63, 15.080, 58.805



Tritanopia
63, 7.123, 309.376

Trichromacy



Original Color
63, 14.482, 113.412

Protanomaly
63, 14.038, 100.253

Deuteranomaly
63, 13.188, 76.888

Tritanomaly
63, 1.346, 74.889

Monochromacy



Original Color
63, 14.482, 113.412

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 5.037, 114.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.482, 113.412 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(152, 155, 129)` looks like.

```
.text, #text, p{  
    color:rgb(152, 155, 129)  
}
```

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(152, 155, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 155, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.482, 113.412 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(152, 155, 129) }
```

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

```
.border{ border-color:rgb(152, 155, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 155, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 155, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 155, 129);  
box-shadow:4px 4px 4px 4px rgb(152, 155,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.482, 113.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 155, 129) }
```

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

```
.background{ background-color: rgb(152,  
155, 129) }
```

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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