

Converting Colors

CIELCh(63, 12.082, 146.711)

Have a look what the booklet for
CIELCh(63, 12.082, 146.711)
contains.

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Color

CIELCh(63, 12.082, 146.711)

Conversions

Conversions Part 1

Format	Color
Hex	8A9D8C
RGB	138, 157, 140
RGB Percent	54%, 62%, 55%
CMY	0.4573, 0.3828, 0.4495
CMYK	0.12, 0.00, 0.11, 0.38
HSL	126°, 9%, 58%
HSV	126°, 12%, 62%
XYZ	27.4295, 31.5869, 29.6101
YIQ	149.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

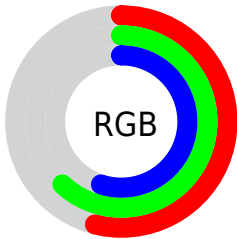
Format	Color
RYB	138, 155, 157
Decimal	9084300
CIELab	63.00, -10.10, 6.63
CIElCh	63, 12.082, 146.711
Yxy	31.5869, 0.3095, 0.3564
Android (android.graphics.Color)	4287274380 (0xFF8A9D8C)
YUV	149.3810, -4.6248, -9.9811
Hunter-Lab	56.2022, -11.2369, 8.1047

Details

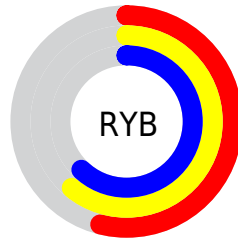
The CIELCh color **63, 12.082, 146.711** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **60, 12.107, 328.096**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 12.054, 146.720**, and **43, 12.260, 146.589** is the 20% darker color. If you saturate the color by 10%, you get **62, 22.166, 145.976**, and if you desaturate by 10%, it is **65, 2.060, 147.428**.

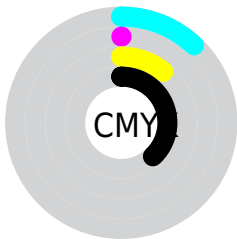
Distribution



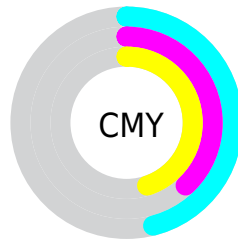
- Red (54%)
- Green (62%)
- Blue (55%)



- Red (54%)
- Yellow (61%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)





- Cyan (46%)
- Magenta (38%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 12.082, 146.711 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, 12.082, 146.711 by changing the saturation by 10% instead.


 63, 12.082,
146.711


 63, 12.082,
146.711


 100, 12.082,
146.711


 53, 12.082,
146.711


 83, 12.082,
146.711

 43, 12.082,
146.711

 93, 12.082,
146.711

 33, 12.082,
146.711

 23, 12.082,
146.711

 13, 12.082,
146.711

 3, 12.082, 146.711

 0, 12.082, 146.711

63, 12.082,
146.711

63, 12.082,
146.711

62, 22.166,
145.976

65, 2.060, 147.428

60, 32.171,
145.128

66, 7.808, 327.816

59, 41.929,
144.151

68, 17.451,
328.291

58, 51.227,
143.038

70, 26.826,
328.691

58, 59.820,
141.799

72, 35.909,
329.036

57, 67.435,
140.470

74, 44.689,
329.336


57, 73.790,
139.123


76, 53.167,
329.598

56, 78.615,

78, 59.890,
327.074

137.867

 78, 60.691,
326.508

 56, 81.328,
137.113

Harmonies

Complementary

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



63, 12.082, 146.711



60, 12.107, 328.096

Rectangle

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



63, 12.082, 146.711



63, 12.082, 196.711



63, 12.082, 326.711



63, 12.082, 16.711

Sweetspot

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



63, 12.084, 146.711



81, 4.912, 147.255



64, 10.561, 113.149



43, 3.486, 147.204



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, 12.084, 146.711



79, 17.320, 146.558



63, 8.423, 168.392



33, 5.667, 146.903



51, 75.556, 137.214



3, 7.416, 147.268

Inverse Universe

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



60, 12.107, 328.096



75, 17.352, 328.225



59, 8.622, 350.461



31, 5.679, 327.928



33, 69.219, 332.813



1, 7.278, 328.095

Previews

White Background



This preview shows how the CIELCh color 63, 12.082, 146.711 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 CIE LCh color 63, 12.082, 146.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

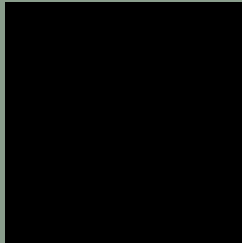
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 12.082, 146.711

Background



This preview shows how black text looks on a background with the CIELCh color 63, 12.082, 146.711.



This preview shows how white text looks on a background with the CIELCh color 63, 12.082, 146.711.

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](#).

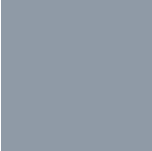
Dichromacy



Original Color
63, 12.082, 146.711

Protanopia
63, 8.685, 93.147

Deuteranopia
63, 9.490, 33.734



Tritanopia
63, 7.735, 259.636

Trichromacy



Original Color
63, 12.082, 146.711

Protanomaly
63, 8.991, 116.811

Deuteranomaly
63, 5.926, 77.184

Tritanomaly
63, 5.318, 211.201

Monochromacy



Original Color
63, 12.082, 146.711

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 4.330, 148.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 12.082, 146.711 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(138, 157, 140)` looks like.

```
.text, #text, p{  
    color:rgb(138, 157, 140)  
}
```

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(138, 157, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 157, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 12.082, 146.711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

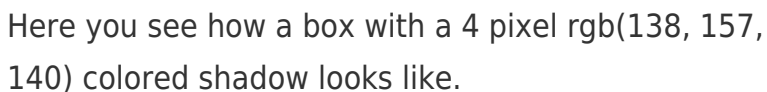
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 157, 140) }
```

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

```
.border{ border-color:rgb(138, 157, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 157, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 157, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 157, 140); box-shadow:4px 4px 4px 4px rgb(138, 157, 140) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 12.082, 146.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 157, 140) }
```

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

```
.background{ background-color: rgb(138,  
157, 140) }
```

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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