

Converting Colors

CIELCh(63, 19.198, 134.160)

Have a look what the booklet for
CIELCh(63, 19.198, 134.160)
contains.

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Color

CIELCh(63, 19.175, 134.166)

Conversions

Conversions Part 1

Format	Color
Hex	8A9F80
RGB	138, 159, 128
RGB Percent	54%, 62%, 50%
CMY	0.4603, 0.3779, 0.4995
CMYK	0.13, 0.00, 0.20, 0.38
HSL	101°, 14%, 56%
HSV	101°, 20%, 62%
XYZ	26.6255, 31.5869, 24.9902
YIQ	149.1870, -2.5650, -14.0930

Conversions

Conversions Part 2

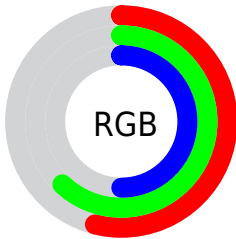
Format	Color
RYB	128, 159, 149
Decimal	9084800
CIELab	63.00, -13.36, 13.75
CIELCh	63, 19.175, 134.166
Yxy	31.5869, 0.3200, 0.3796
Android (android.graphics.Color)	4287274880 (0xFF8A9F80)
YUV	149.1870, -10.4452, -9.8110
Hunter-Lab	56.2022, -13.7905, 12.9784

Details

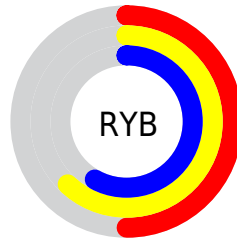
The CIELCh color $63, 19.175, 134.166$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $56, 19.480, 315.822$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 19.242, 134.003$, and $43, 19.311, 134.231$ is the 20% darker color. If you saturate the color by 10%, you get $62, 28.988, 133.664$, and if you desaturate by 10%, it is $64, 9.332, 134.637$.

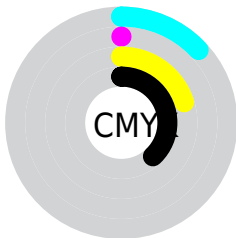
Distribution



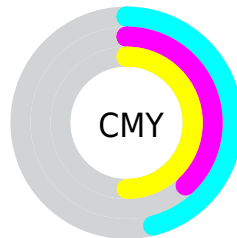
- Red (54%)
- Green (62%)
- Blue (50%)



- Red (50%)
- Yellow (62%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)





- Cyan (46%)
- Magenta (38%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 19.175, 134.166 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, 19.175, 134.166 by changing the saturation by 10% instead.


 63, 19.175,
134.166


 63, 19.175,
134.166


 100, 19.175,
134.166


 53, 19.175,
134.166


 83, 19.175,
134.166


 43, 19.175,
134.166


 93, 19.175,
134.166

 33, 19.175,
134.166

 23, 19.175,
134.166

 13, 19.175,
134.166

 3, 19.175, 134.166

 0, 19.175, 134.166

■ 63, 19.175,
134.166

■ 63, 19.175,
134.166

■ 62, 28.988,
133.664

■ 64, 9.332, 134.637

■ 61, 38.649,
133.136

■ 65, 0.461, 314.719

■ 60, 47.998,
132.612

■ 67, 10.143,
315.391

■ 59, 56.809,
132.141

■ 68, 19.673,
315.722

■ 59, 64.777,
131.804

■ 70, 29.022,
316.007

■ 58, 71.516,
131.710

■ 71, 38.172,
316.254


■ 58, 76.628,
131.981


■ 73, 47.113,
316.467

■ 57, 80.188,

■ 75, 55.841,
316.650

132.545

 76, 57.225,
320.045

 57, 80.345,
132.565

Harmonies

Complementary

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



63, 19.175, 134.166



56, 19.480, 315.822

Rectangle

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



63, 19.175, 134.166



63, 19.175, 184.166



63, 19.175, 314.166



63, 19.175, 4.166

Sweetspot

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



63, 19.177, 134.167



82, 7.267, 134.793



62, 12.302, 88.697



44, 4.861, 134.765



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 19.177, 134.167



80, 28.002, 133.975



62, 18.880, 148.092



33, 5.518, 134.650



52, 74.288, 132.442



3, 7.245, 135.549

Inverse Universe

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



56, 19.480, 315.822



70, 28.533, 315.991



57, 18.936, 330.551



31, 5.565, 315.378



25, 77.994, 316.866



1, 7.148, 313.888

Previews

White Background



This preview shows how the CIELCh color 63, 19.175, 134.166 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, 19.175, 134.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

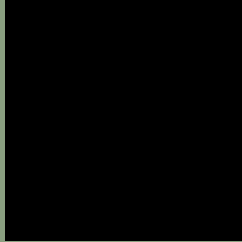
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 19.175, 134.166

Background



This preview shows how black text looks on a background with the CIELCh color 63, 19.175, 134.166.



This preview shows how white text looks on a background with the CIELCh color 63, 19.175, 134.166.

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, 19.175, 134.166

Protanopia
63, 16.007, 94.974

Deuteranopia
63, 15.071, 56.281



Tritanopia
63, 7.913, 266.405

Trichromacy



Original Color
63, 19.175, 134.166

Protanomaly
63, 16.098, 109.858

Deuteranomaly
63, 12.923, 90.307

Tritanomaly
63, 5.228, 180.271

Monochromacy



Original Color
63, 19.175, 134.166

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.425, 134.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 19.175, 134.166 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, 159, 128)` looks like.

```
.text, #text, p{  
    color:rgb(138, 159, 128)  
}
```

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, 159, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 159, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 19.175, 134.166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

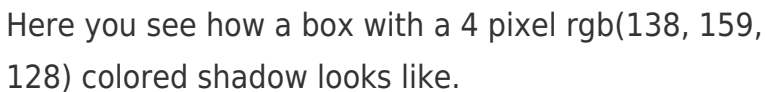
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 159, 128) }
```

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

```
.border{ border-color:rgb(138, 159, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 159, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 159, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 159, 128); box-shadow:4px 4px 4px 4px rgb(138, 159, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 19.175, 134.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 159, 128) }
```

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

```
.background{ background-color: rgb(138,  
159, 128) }
```

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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