

Converting Colors

CIELCh(63, 13.425, 146.333)

Have a look what the booklet for
CIELCh(63, 13.425, 146.333)
contains.

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Color

CIELCh(63, 13.441, 146.328)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 899E8B |
| RGB | 137, 158, 139 |
| RGB Percent | 54%, 62%, 55% |
| CMY | 0.4632, 0.3808, 0.4553 |
| CMYK | 0.13, 0.00, 0.12, 0.38 |
| HSL | 126°, 10%, 58% |
| HSV | 126°, 13%, 62% |
| XYZ | 27.1599, 31.5869, 29.0509 |
| YIQ | 149.5550, -6.4170, -10.3610 |

Conversions

Conversions Part 2

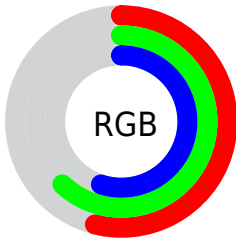
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 137, 156, 158 |
| Decimal | 9019019 |
| CIELab | 63.00, -11.19, 7.45 |
| CIElCh | 63, 13.441, 146.328 |
| Yxy | 31.5869, 0.3093, 0.3598 |
| Android (android.graphics.Color) | 4287209099 (0xFF899E8B) |
| YUV | 149.5550, -5.2036, -11.0107 |
| Hunter-Lab | 56.2022, -12.0934, 8.6946 |

Details

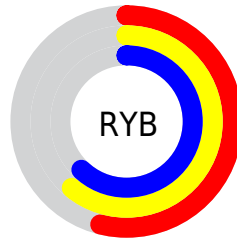
The CIELCh color $63, 13.441, 146.328$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 13.466, 327.862$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 13.769, 145.079$, and $43, 13.715, 146.133$ is the 20% darker color. If you saturate the color by 10%, you get $62, 23.621, 145.584$, and if you desaturate by 10%, it is $65, 3.309, 147.013$.

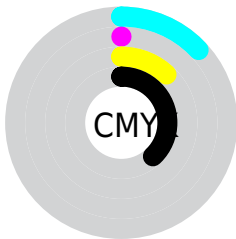
Distribution



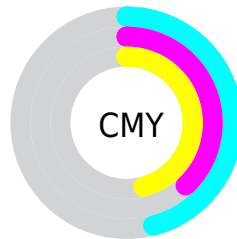
- Red (54%)
- Green (62%)
- Blue (55%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (38%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 13.441, 146.328 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, 13.441, 146.328 by changing the saturation by 10% instead.


 63, 13.441,
146.328


 63, 13.441,
146.328


 100, 13.441,
146.328


 53, 13.441,
146.328


 83, 13.441,
146.328

 43, 13.441,
146.328

 93, 13.441,
146.328

 33, 13.441,
146.328

 23, 13.441,
146.328

 13, 13.441,
146.328

 3, 13.441, 146.328

 0, 13.441, 146.328

63, 13.441,
146.328

63, 13.441,
146.328

62, 23.621,
145.584

65, 3.309, 147.013

60, 33.702,
144.724

66, 6.677, 327.446

59, 43.506,
143.733

68, 16.442,
327.930

58, 52.811,
142.610

70, 25.941,
328.335

58, 61.361,
141.369

72, 35.145,
328.682

57, 68.871,
140.052

74, 44.044,
328.983

57, 75.044,
138.742


76, 52.636,
329.246

57, 79.606,

78, 59.644,
327.029

137.555

 78, 60.393,
326.498

 57, 81.775,
136.982

Harmonies

Complementary

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



63, 13.441, 146.328



59, 13.466, 327.862

Rectangle

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



63, 13.441, 146.328



63, 13.441, 196.328



63, 13.441, 326.328



63, 13.441, 16.328

Sweetspot

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



63, 13.443, 146.328



81, 4.946, 146.953



64, 11.645, 112.367



43, 3.510, 146.903



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, 13.443, 146.328



79, 19.951, 146.115



63, 9.403, 167.268



33, 5.707, 146.603



51, 75.798, 137.081



3, 7.465, 146.984

Inverse Universe

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



59, 13.466, 327.862



74, 19.985, 328.036



59, 9.631, 349.555



31, 5.719, 327.624



33, 69.749, 332.334



1, 7.337, 327.734

Previews

White Background



This preview shows how the CIELCh color 63, 13.441, 146.328 looks on a white background.

Color Contrast Check

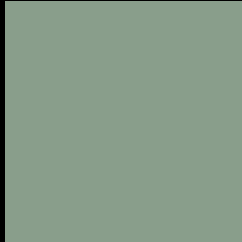
Large Text (above 18pt) WCAG AA × Fail

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, 13.441, 146.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

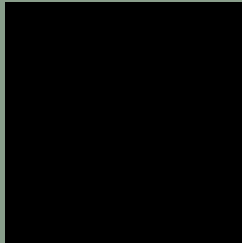
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

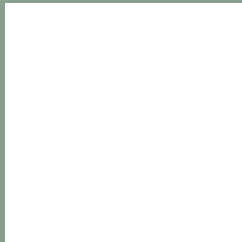
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 13.441, 146.328

Background



This preview shows how black text looks on a background with the CIELCh color 63, 13.441, 146.328.



This preview shows how white text looks on a background with the CIELCh color 63, 13.441, 146.328.

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, 13.441, 146.328

Protanopia
63, 9.337, 91.609

Deuteranopia
63, 10.251, 39.170



Tritanopia
63, 8.112, 255.244

Trichromacy



Original Color
63, 13.441, 146.328

Protanomaly
63, 9.541, 116.325

Deuteranomaly
63, 6.903, 81.936

Tritanomaly
63, 5.618, 204.710

Monochromacy



Original Color
63, 13.441, 146.328

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.788, 144.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 13.441, 146.328 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(137, 158, 139)` looks like.

```
.text, #text, p{  
    color:rgb(137, 158, 139)  
}
```

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(137, 158, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 158, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 13.441, 146.328 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(137, 158, 139) }
```

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

```
.border{ border-color:rgb(137, 158, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 158, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 158, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 158, 139);  
box-shadow:4px 4px 4px 4px rgb(137, 158,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 13.441, 146.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 158, 139) }
```

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

```
.background{ background-color: rgb(137,  
158, 139) }
```

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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