

Converting Colors

CIELCh(62, 10.134, 147.389)

Have a look what the booklet for
CIELCh(62, 10.134, 147.389)
contains.

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Color

CIELCh(62, 10.058, 147.434)

Conversions

Conversions Part 1

Format	Color
Hex	8A9A8C
RGB	138, 154, 140
RGB Percent	54%, 60%, 55%
CMY	0.4589, 0.3961, 0.4510
CMYK	0.10, 0.00, 0.09, 0.40
HSL	127°, 7%, 57%
HSV	127°, 10%, 60%
XYZ	26.7657, 30.4025, 29.2640
YIQ	147.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

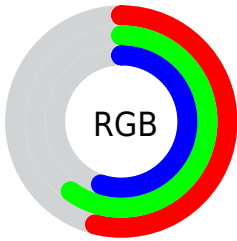
Format	Color
RYB	138, 152, 154
Decimal	9083532
CIELab	62.00, -8.48, 5.41
CIELCh	62, 10.058, 147.434
Yxy	30.4025, 0.3097, 0.3517
Android (android.graphics.Color)	4287273612 (0xFF8A9A8C)
YUV	147.6200, -3.7567, -8.4367
Hunter-Lab	55.1385, -9.8438, 7.1296

Details

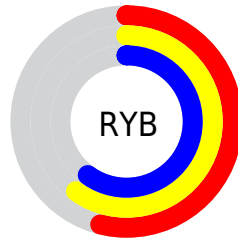
The CIELCh color $62, 10.058, 147.434$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 10.082, 328.615$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.729, 149.235$, and $42, 10.097, 147.444$ is the 20% darker color. If you saturate the color by 10%, you get $61, 19.823, 146.710$, and if you desaturate by 10%, it is $64, 0.370, 148.664$.

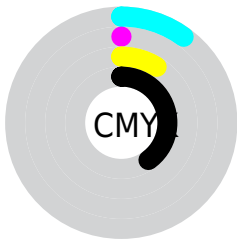
Distribution



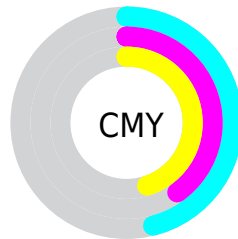
- Red (54%)
- Green (60%)
- Blue (55%)



- Red (54%)
- Yellow (60%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)





- Cyan (46%)
- Magenta (40%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 10.058, 147.434 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, 10.058, 147.434 by changing the saturation by 10% instead.


 62, 10.058,
147.434


 62, 10.058,
147.434


 100, 10.058,
147.434


 52, 10.058,
147.434


 82, 10.058,
147.434

 42, 10.058,
147.434

 92, 10.058,
147.434

 32, 10.058,
147.434

 22, 10.058,
147.434

 12, 10.058,
147.434

 2, 10.058, 147.434

 0, 10.058, 147.434

62, 10.058,
147.434

62, 10.058,
147.434

61, 19.823,
146.710

64, 0.370, 148.664

59, 29.539,
145.879

65, 9.158, 328.521

58, 39.049,
144.918

67, 18.461,
328.987

57, 48.161,
143.819

69, 27.502,
329.384

57, 56.652,
142.585

71, 36.259,
329.729

56, 64.273,
141.240

73, 44.723,
330.030


56, 70.770,
139.839


75, 52.896,
330.295

55, 75.894,

77, 59.778,
328.690

138.477

 77, 62.703,
326.575

 55, 79.451,
137.416

Harmonies

Complementary

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



62, 10.058, 147.434



59, 10.082, 328.615

Rectangle

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



62, 10.058, 147.434



62, 10.058, 197.434



62, 10.058, 327.434



62, 10.058, 17.434

Sweetspot

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



62, 10.060, 147.434



81, 3.591, 147.948



63, 8.937, 113.962



43, 2.747, 147.885



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, 10.060, 147.434



79, 14.475, 147.307



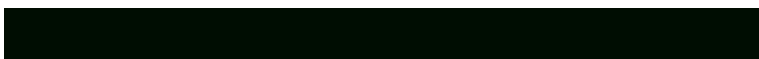
62, 7.043, 169.586



32, 5.438, 147.513



51, 74.013, 137.526



3, 5.865, 147.980

Inverse Universe

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



59, 10.082, 328.615



75, 14.506, 328.726



59, 7.197, 351.336



30, 5.451, 328.544



32, 67.302, 333.785



1, 5.808, 328.419

Previews

White Background



This preview shows how the CIELCh color 62, 10.058, 147.434 looks on a white background.

Color Contrast Check

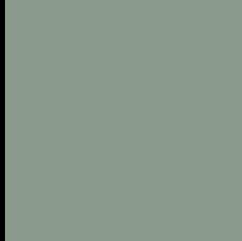
Large Text (above 18pt) WCAG AA × Fail

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, 10.058, 147.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

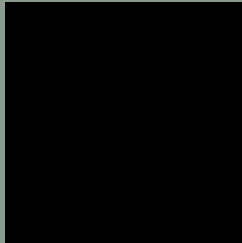
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

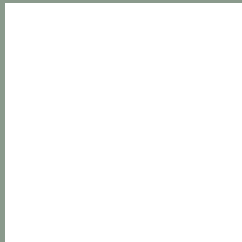
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 10.058, 147.434

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.058, 147.434.

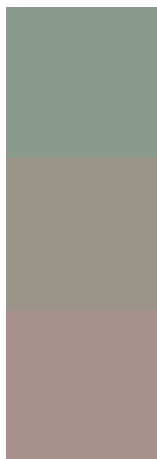


This preview shows how white text looks on a background with the CIELCh color 62, 10.058, 147.434.

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

62, 10.058, 147.434

Protanopia

62, 7.115, 89.686

Deuteranopia

62, 9.281, 27.136



Tritanopia
62, 7.430, 264.508

Trichromacy



Original Color
62, 10.058, 147.434

Protanomaly
62, 7.309, 115.593

Deuteranomaly
62, 5.029, 70.561

Tritanomaly
62, 4.423, 221.555

Monochromacy



Original Color
62, 10.058, 147.434

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.660, 149.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.058, 147.434 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, 154, 140)` looks like.

```
.text, #text, p{  
    color:rgb(138, 154, 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, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 154, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.058, 147.434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

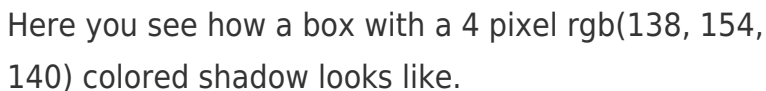
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 154, 140) }
```

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

```
.border{ border-color:rgb(138, 154, 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, 154, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 154, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 154, 140); box-shadow:4px 4px 4px 4px rgb(138, 154, 140) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.058, 147.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 154, 140) }
```

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

```
.background{ background-color: rgb(138,  
154, 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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