

Converting Colors

CIELCh(62, 10.545, 149.965)

Have a look what the booklet for
CIELCh(62, 10.545, 149.965)
contains.

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Color

CIELCh(62, 10.305, 149.047)

Conversions

Conversions Part 1

Format	Color
Hex	899A8C
RGB	137, 154, 140
RGB Percent	54%, 60%, 55%
CMY	0.4621, 0.3954, 0.4503
CMYK	0.11, 0.00, 0.09, 0.40
HSL	131°, 8%, 57%
HSV	131°, 11%, 60%
XYZ	26.6774, 30.4025, 29.3414
YIQ	147.3210, -5.6380, -7.9580

Conversions

Conversions Part 2

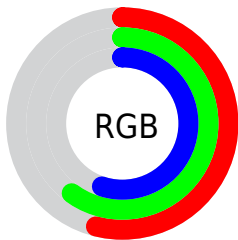
Format	Color
RYB	137, 151, 154
Decimal	9017996
CIELab	62.00, -8.84, 5.30
CIElCh	62, 10.305, 149.047
Yxy	30.4025, 0.3087, 0.3518
Android (android.graphics.Color)	4287208076 (0xFF899A8C)
YUV	147.3210, -3.6093, -9.0515
Hunter-Lab	55.1385, -10.1297, 7.0463

Details

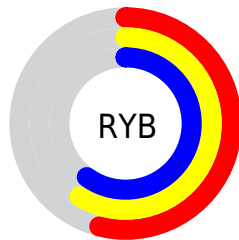
The CIELCh color $62, 10.305, 149.047$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 10.336, 330.353$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.969, 150.782$, and $42, 10.363, 149.136$ is the 20% darker color. If you saturate the color by 10%, you get $61, 19.724, 148.298$, and if you desaturate by 10%, it is $64, 0.950, 149.921$.

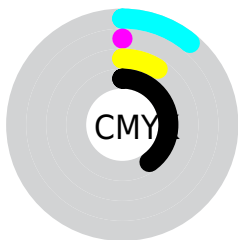
Distribution



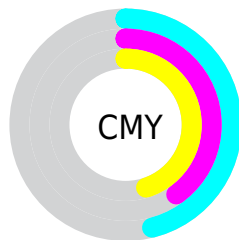
- Red (54%)
- Green (60%)
- Blue (55%)



- Red (54%)
- Yellow (59%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 10.305, 149.047 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, 10.305, 149.047 by changing the saturation by 10% instead.


 62, 10.305,
149.047


 62, 10.305,
149.047


 100, 10.305,
149.047


 52, 10.305,
149.047


 82, 10.305,
149.047

 42, 10.305,
149.047

 92, 10.305,
149.047

 32, 10.305,
149.047

 22, 10.305,
149.047

 12, 10.305,
149.047

 2, 10.305, 149.047

 0, 10.305, 149.047

62, 10.305,
149.047

62, 10.305,
149.047

61, 19.724,
148.298

64, 0.950, 149.921

59, 29.085,
147.439

65, 8.259, 330.179

58, 38.243,
146.448

67, 17.261,
330.674

57, 47.019,
145.310

69, 26.014,
331.098

57, 55.212,
144.023

71, 34.499,
331.469

56, 62.612,
142.598

73, 42.703,
331.796


56, 69.007,
141.075


75, 50.628,
332.088

55, 74.207,

77, 57.300,
330.651

139.530

 77, 62.367,
326.722

 55, 77.836,
138.313

Harmonies

Complementary

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



62, 10.305, 149.047



59, 10.336, 330.353

Rectangle

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



62, 10.305, 149.047



62, 10.305, 199.047



62, 10.305, 329.047



62, 10.305, 19.047

Sweetspot

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



62, 10.307, 149.046



81, 3.462, 149.625



63, 9.534, 115.932



43, 2.648, 149.559



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, 10.307, 149.046



79, 15.122, 148.887



62, 7.242, 172.752



32, 5.242, 149.173



51, 72.400, 138.448



3, 5.658, 149.622

Inverse Universe

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



59, 10.336, 330.353



74, 15.166, 330.493



59, 7.444, 354.664



30, 5.257, 330.239



31, 64.746, 336.533



1, 5.593, 330.176

Previews

White Background



This preview shows how the CIELCh color 62, 10.305, 149.047 looks on a white background.

Color Contrast Check

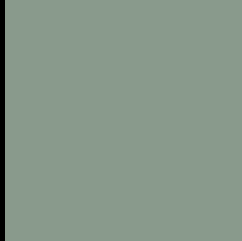
Large Text (above 18pt) WCAG AA × Fail

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, 10.305, 149.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

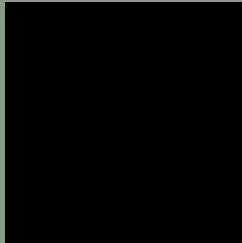
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

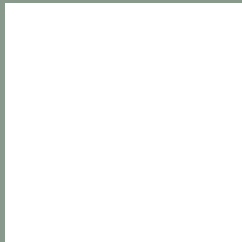
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 10.305, 149.047

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.305, 149.047.

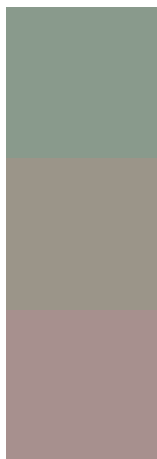


This preview shows how white text looks on a background with the CIELCh color 62, 10.305, 149.047.

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](#).

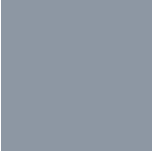
Dichromacy



Original Color
62, 10.305, 149.047

Protanopia
62, 7.115, 89.686

Deuteranopia
62, 9.281, 27.136



Tritanopia
62, 7.589, 262.033

Trichromacy



Original Color
62, 10.305, 149.047

Protanomaly
62, 7.309, 115.593

Deuteranomaly
62, 5.029, 70.561

Tritanomaly
62, 4.765, 219.840

Monochromacy



Original Color
62, 10.305, 149.047

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, 10.305, 149.047 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, 154, 140)` looks like.

```
.text, #text, p{  
    color:rgb(137, 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(137, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 154, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.305, 149.047 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, 154, 140) }
```

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

```
.border{ border-color:rgb(137, 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(137, 154, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 154, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 154, 140);  
box-shadow:4px 4px 4px 4px rgb(137, 154,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.305, 149.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 154, 140) }
```

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

```
.background{ background-color: rgb(137,  
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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