

Converting Colors

CIELCh(62, 8.495, 133.302)

Have a look what the booklet for
CIELCh(62, 8.495, 133.302) contains.

CIELCh(62, 8.611, 133.537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 8.611, 133.537)

Conversions

Conversions Part 1

Format	Color
Hex	90998B
RGB	144, 153, 139
RGB Percent	56%, 60%, 55%
CMY	0.4368, 0.4015, 0.4564
CMYK	0.06, 0.00, 0.09, 0.40
HSL	99°, 6%, 57%
HSV	99°, 9%, 60%
XYZ	27.3941, 30.4025, 28.7041
YIQ	148.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

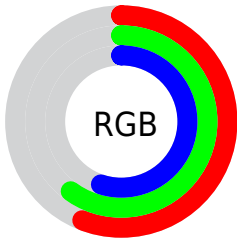
Format	Color
RYB	139, 153, 148
Decimal	9476491
CIELab	62.00, -5.93, 6.24
CIELCh	62, 8.611, 133.537
Yxy	30.4025, 0.3167, 0.3515
Android (android.graphics.Color)	4287666571 (0xFF90998B)
YUV	148.7130, -4.7885, -4.1333
Hunter-Lab	55.1385, -7.8093, 7.7316

Details

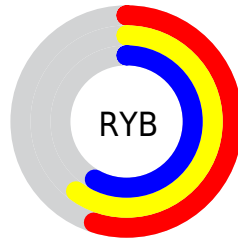
The CIELCh color $62, 8.611, 133.537$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 8.693, 314.256$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 8.618, 132.200$, and $42, 8.547, 132.497$ is the 20% darker color. If you saturate the color by 10%, you get $61, 18.054, 133.081$, and if you desaturate by 10%, it is $63, 0.784, 313.762$.

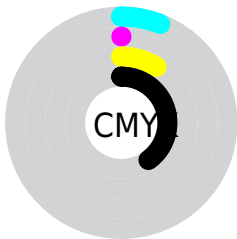
Distribution



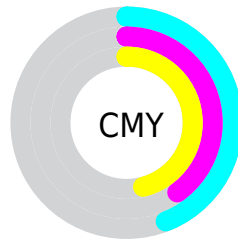
- Red (56%)
- Green (60%)
- Blue (55%)



- Red (55%)
- Yellow (60%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 8.611, 133.537 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, 8.611, 133.537 by changing the saturation by 10% instead.

■ 62, 8.611, 133.537

■ 62, 8.611, 133.537

■ 100, 8.611,
133.537

■ 52, 8.611, 133.537

■ 82, 8.611, 133.537

■ 42, 8.611, 133.537

■ 92, 8.611, 133.537

■ 32, 8.611, 133.537

■ 22, 8.611, 133.537

■ 12, 8.611, 133.537

■ 2, 8.611, 133.537

■ 0, 8.611, 133.537

■ 62, 8.611, 133.537

■ 62, 8.611, 133.537

■ 61, 18.054,

■ 63, 0.784, 313.762

133.081

64, 10.081,
314.286

60, 27.464,
132.594

66, 19.241,
314.616

59, 36.735,
132.088

67, 28.237,
314.903

58, 45.720,
131.592

69, 37.053,
315.152

57, 54.209,
131.156

70, 45.678,
315.369

57, 61.919,
130.857

72, 54.108,
315.557

56, 68.486,
130.805

73, 59.622,
316.795

56, 73.528,
131.118

74, 60.621,
319.796

56, 77.099,
131.739

Harmonies

Complementary

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



62, 8.611, 133.537



59, 8.693, 314.256

Rectangle

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



62, 8.611, 133.537



62, 8.611, 183.537



62, 8.611, 313.537



62, 8.611, 3.537

Sweetspot

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



62, 8.613, 133.540



80, 3.482, 133.826



61, 5.356, 87.205



42, 2.635, 133.785



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 8.613, 133.540



79, 12.831, 133.448



62, 8.754, 147.778



32, 5.319, 133.537



51, 72.663, 131.672



3, 5.754, 134.097

Inverse Universe

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



59, 8.693, 314.256



74, 12.970, 314.345



59, 8.774, 328.807



30, 5.369, 314.259



24, 77.478, 315.857



1, 5.730, 313.546

Previews

White Background



This preview shows how the CIELCh color 62, 8.611, 133.537 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 62, 8.611, 133.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

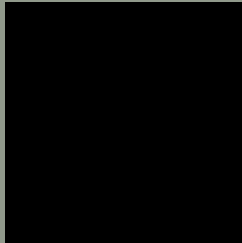
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 8.611, 133.537

Background



This preview shows how black text looks on a background with the CIELCh color 62, 8.611, 133.537.



This preview shows how white text looks on a background with the CIELCh color 62, 8.611, 133.537.

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, 8.611, 133.537

Protanopia

62, 7.115, 89.686

Deuteranopia

62, 9.932, 33.219



Tritanopia
62, 6.768, 284.614

Trichromacy



Original Color
62, 8.611, 133.537

Protanomaly
62, 6.714, 106.029

Deuteranomaly
62, 6.560, 62.590

Tritanomaly
62, 2.252, 247.969

Monochromacy



Original Color
62, 8.611, 133.537

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 3.214, 138.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 8.611, 133.537 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(144, 153, 139)` looks like.

```
.text, #text, p{  
    color:rgb(144, 153, 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(144, 153, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 153, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 8.611, 133.537 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(144, 153, 139) }
```

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

```
.border{ border-color:rgb(144, 153, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 153, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 153, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 153, 139);  
box-shadow:4px 4px 4px 4px rgb(144, 153,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 8.611, 133.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 153, 139) }
```

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

```
.background{ background-color: rgb(144,  
153, 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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