

Converting Colors

CIELCh(62, 32.136, 117.419)

Have a look what the booklet for
CIELCh(62, 32.136, 117.419)
contains.

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Color

CIELCh(62, 32.340, 117.267)

Conversions

Conversions Part 1

Format	Color
Hex	8E9C62
RGB	142, 156, 98
RGB Percent	56%, 61%, 38%
CMY	0.4432, 0.3883, 0.6157
CMYK	0.09, 0.00, 0.37, 0.39
HSL	74°, 23%, 50%
HSV	74°, 37%, 61%
XYZ	25.2423, 30.4025, 16.0895
YIQ	145.2020, 10.2740, -21.0060

Conversions

Conversions Part 2

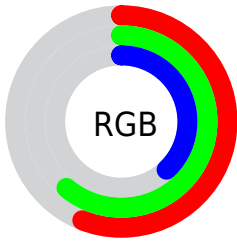
Format	Color
RYB	98, 156, 112
Decimal	9346146
CIELab	62.00, -14.82, 28.75
CIELCh	62, 32.340, 117.267
Yxy	30.4025, 0.3519, 0.4238
Android (android.graphics.Color)	4287536226 (0xFF8E9C62)
YUV	145.2020, -23.2706, -2.8082
Hunter-Lab	55.1385, -14.7755, 21.2960

Details

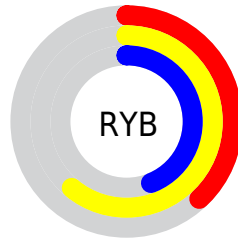
The CIELCh color **62, 32.340, 117.267** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **45, 35.061, 302.484**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 32.309, 117.237**, and **42, 32.496, 117.094** is the 20% darker color. If you saturate the color by 10%, you get **61, 40.591, 116.695**, and if you desaturate by 10%, it is **63, 23.805, 117.887**.

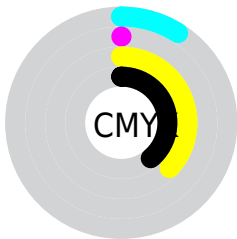
Distribution



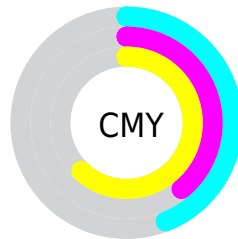
- Red (56%)
- Green (61%)
- Blue (38%)



- Red (38%)
- Yellow (61%)
- Blue (44%)



- Cyan (9%)
- Magenta (0%)
- Yellow (37%)
- Black (39%)





- Cyan (44%)
- Magenta (39%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 32.340, 117.267 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, 32.340, 117.267 by changing the saturation by 10% instead.


 62, 32.340,
117.267


 62, 32.340,
117.267


 100, 32.340,
117.267


 52, 32.340,
117.267


 82, 32.340,
117.267

 42, 32.340,
117.267

 92, 32.340,
117.267

 32, 32.340,
117.267

 22, 32.340,
117.267

 12, 32.340,
117.267

 2, 32.340, 117.267

 0, 32.340, 117.267

■ 62, 32.340,
117.267

■ 62, 32.340,
117.267

■ 61, 40.591,
116.695

■ 63, 23.805,
117.887

■ 61, 48.374,
116.208

■ 63, 15.104,
118.520

■ 61, 55.427,
115.871

■ 64, 6.320, 119.148

■ 60, 61.401,
115.768

■ 65, 2.490, 299.743

■ 60, 65.913,
115.993

■ 65, 11.288,
300.331

■ 60, 68.824,
116.588

■ 66, 20.046,
300.882

■ 60, 69.563,
116.765

■ 67, 28.742,
301.399

■ 68, 37.361,
301.881

■ 69, 45.891,
302.330

Harmonies

Complementary

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



62, 32.340, 117.267



45, 35.061, 302.484

Rectangle

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



62, 32.340, 117.267



62, 32.340, 167.267



62, 32.340, 297.267



62, 32.340, 347.267

Sweetspot

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



62, 32.341, 117.269



81, 12.044, 118.895



51, 21.430, 42.613



43, 8.073, 118.818



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, 32.341, 117.269



79, 48.254, 116.765



60, 36.515, 134.935



33, 5.030, 119.018



55, 65.180, 116.671



4, 6.637, 120.900

Inverse Universe

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



45, 35.061, 302.484



53, 53.557, 303.360



48, 37.373, 318.338



31, 5.128, 300.176



17, 84.917, 307.810



1, 6.599, 299.106

Previews

White Background



This preview shows how the CIELCh color 62, 32.340, 117.267 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, 32.340, 117.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

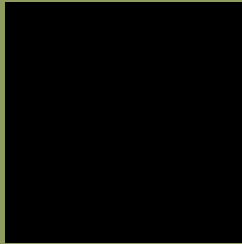
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 32.340, 117.267

Background



This preview shows how black text looks on a background with the CIELCh color 62, 32.340, 117.267.



This preview shows how white text looks on a background with the CIELCh color 62, 32.340, 117.267.

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, 32.340, 117.267

Protanopia
62, 30.898, 96.126

Deuteranopia
62, 28.606, 73.866



Tritanopia
62, 6.799, 297.254

Trichromacy



Original Color
62, 32.340, 117.267

Protanomaly
62, 30.827, 104.297

Deuteranomaly
62, 27.830, 90.760

Tritanomaly
62, 7.994, 120.742

Monochromacy



Original Color
62, 32.340, 117.267

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 11.936, 118.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 32.340, 117.267 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(142, 156, 98)` looks like.

```
.text, #text, p{  
    color:rgb(142, 156, 98)  
}
```

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(142, 156, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 156, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 32.340, 117.267 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(142, 156, 98) }
```

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

```
.border{ border-color:rgb(142, 156, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 156, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 156, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 156, 98);  
box-shadow:4px 4px 4px 4px rgb(142, 156,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 32.340, 117.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 156, 98) }
```

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

```
.background{ background-color: rgb(142,  
156, 98) }
```

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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