

Converting Colors

CIELCh(62, 30.599, 117.742)

Have a look what the booklet for
CIELCh(62, 30.599, 117.742)
contains.

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Color

CIELCh(62, 30.778, 117.932)

Conversions

Conversions Part 1

Format	Color
Hex	8E9C65
RGB	142, 156, 101
RGB Percent	56%, 61%, 40%
CMY	0.4437, 0.3888, 0.6045
CMYK	0.09, 0.00, 0.35, 0.39
HSL	75°, 22%, 50%
HSV	75°, 35%, 61%
XYZ	25.3364, 30.4025, 16.8094
YIQ	145.5440, 9.3110, -20.0730

Conversions

Conversions Part 2

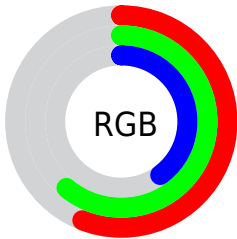
Format	Color
RYB	101, 156, 115
Decimal	9346149
CIELab	62.00, -14.42, 27.19
CIELCh	62, 30.778, 117.932
Yxy	30.4025, 0.3492, 0.4191
Android (android.graphics.Color)	4287536229 (0xFF8E9C65)
YUV	145.5440, -21.9602, -3.1081
Hunter-Lab	55.1385, -14.4707, 20.5220

Details

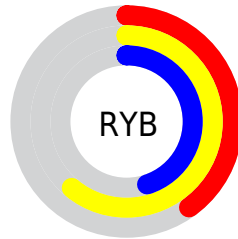
The CIELCh color **62, 30.778, 117.932** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **46, 33.170, 302.732**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.292, 118.024**, and **42, 30.924, 117.860** is the 20% darker color. If you saturate the color by 10%, you get **61, 39.111, 117.362**, and if you desaturate by 10%, it is **63, 22.190, 118.544**.

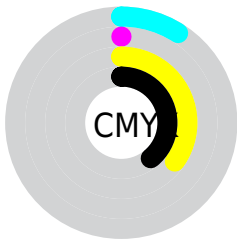
Distribution



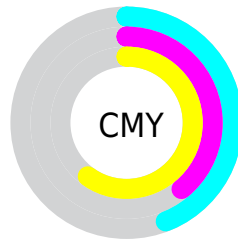
- Red (56%)
- Green (61%)
- Blue (40%)



- Red (40%)
- Yellow (61%)
- Blue (45%)



- Cyan (9%)
- Magenta (0%)
- Yellow (35%)
- Black (39%)





- Cyan (44%)
- Magenta (39%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 30.778, 117.932 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, 30.778, 117.932 by changing the saturation by 10% instead.


 62, 30.778,
117.932


 62, 30.778,
117.932


 100, 30.778,
117.932


 52, 30.778,
117.932


 82, 30.778,
117.932

 42, 30.778,
117.932

 92, 30.778,
117.932

 32, 30.778,
117.932

 22, 30.778,
117.932

 12, 30.778,
117.932

 2, 30.778, 117.932

 0, 30.778, 117.932

■ 62, 30.778,
117.932

■ 62, 30.778,
117.932

■ 61, 39.111,
117.362

■ 63, 22.190,
118.544

■ 61, 47.018,
116.868

■ 63, 13.456,
119.163

■ 61, 54.254,
116.511

■ 64, 4.653, 119.776

■ 60, 60.488,
116.374

■ 65, 4.166, 300.354

■ 60, 65.334,
116.553

■ 65, 12.964,
300.919

■ 60, 68.519,
117.126

■ 66, 21.715,
301.450

■ 59, 69.766,
117.443

■ 67, 30.399,
301.946

■ 68, 39.001,
302.409

■ 69, 47.509,
302.837

Harmonies

Complementary

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



62, 30.778, 117.932



46, 33.170, 302.732

Rectangle

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



62, 30.778, 117.932



62, 30.778, 167.932



62, 30.778, 297.932



62, 30.778, 347.932

Sweetspot

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



62, 30.779, 117.934



80, 11.942, 119.414



52, 20.008, 44.315



43, 8.087, 119.337



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, 30.779, 117.934



78, 44.839, 117.499



60, 34.835, 135.529



33, 5.039, 119.534



55, 65.408, 117.345



4, 6.649, 121.414

Inverse Universe

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



46, 33.170, 302.732



54, 49.270, 303.448



49, 35.551, 318.782



31, 5.136, 300.664



17, 84.747, 307.955



1, 6.609, 299.584

Previews

White Background



This preview shows how the CIELCh color 62, 30.778, 117.932 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, 30.778, 117.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

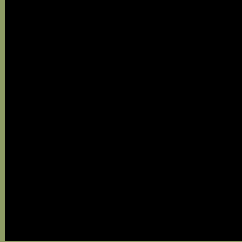
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 30.778, 117.932

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.778, 117.932.



This preview shows how white text looks on a background with the CIELCh color 62, 30.778, 117.932.

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, 30.778, 117.932

Protanopia
62, 29.226, 96.624

Deuteranopia
62, 26.918, 73.006



Tritanopia
62, 6.195, 294.332

Trichromacy



Original Color
62, 30.778, 117.932

Protanomaly
62, 29.229, 104.359

Deuteranomaly
62, 26.119, 90.938

Tritanomaly
62, 7.447, 121.626

Monochromacy



Original Color
62, 30.778, 117.932

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 11.387, 119.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.778, 117.932 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(142, 156, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 156, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.778, 117.932 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, 101) }
```

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

```
.border{ border-color:rgb(142, 156, 101) }
```

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, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 156, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 156, 101);  
box-shadow:4px 4px 4px 4px rgb(142, 156,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.778, 117.932 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, 101) }
```

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

```
.background{ background-color: rgb(142,  
156, 101) }
```

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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