

Converting Colors

CIELCh(61, 37.567, 122.137)

Have a look what the booklet for
CIELCh(61, 37.567, 122.137)
contains.

CIELCh(61, 37.585, 122.589)	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(61, 37.585, 122.589)

Conversions

Conversions Part 1

Format	Color
Hex	839C5A
RGB	131, 156, 90
RGB Percent	51%, 61%, 35%
CMY	0.4871, 0.3891, 0.6478
CMYK	0.16, 0.00, 0.42, 0.39
HSL	83°, 27%, 48%
HSV	83°, 42%, 61%
XYZ	23.0166, 29.2481, 14.0608
YIQ	141.0010, 6.2860, -25.8260

Conversions

Conversions Part 2

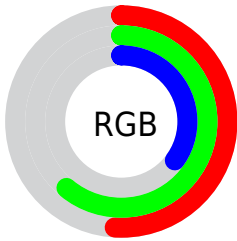
Format	Color
R_{YB}	90, 156, 115
Decimal	8625242
CIE _{Lab}	61.00, -20.24, 31.67
CIE _{LCh}	61, 37.585, 122.589
Yxy	29.2481, 0.3470, 0.4410
Android (android.graphics.Color)	4286815322 (0xFF839C5A)
YUV	141.0010, -25.1435, -8.7709
Hunter-Lab	54.0815, -18.6746, 22.4421

Details

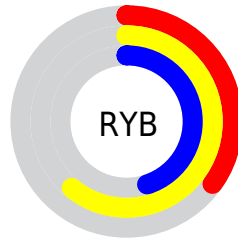
The CIELCh color $61, 37.585, 122.589$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $43, 40.617, 307.300$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 37.878, 122.717$, and $41, 37.874, 122.680$ is the 20% darker color. If you saturate the color by 10%, you get $60, 45.892, 122.158$, and if you desaturate by 10%, it is $62, 28.927, 123.086$.

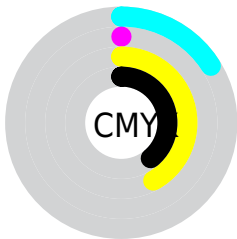
Distribution



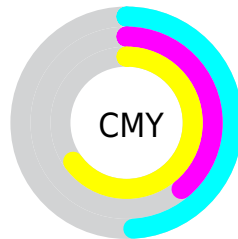
- Red (51%)
- Green (61%)
- Blue (35%)



- Red (35%)
- Yellow (61%)
- Blue (45%)



- Cyan (16%)
- Magenta (0%)
- Yellow (42%)
- Black (39%)





- Cyan (49%)
- Magenta (39%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 37.585, 122.589 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 61, 37.585, 122.589 by changing the saturation by 10% instead.


 61, 37.585,
122.589


 61, 37.585,
122.589


 100, 37.585,
122.589


 51, 37.585,
122.589


 81, 37.585,
122.589

 41, 37.585,
122.589

 91, 37.585,
122.589

 31, 37.585,
122.589

 21, 37.585,
122.589

 11, 37.585,
122.589

 1, 37.585, 122.589

 0, 37.585, 122.589

■ 61, 37.585,
122.589

■ 61, 37.585,
122.589

■ 60, 45.892,
122.158

■ 62, 28.927,
123.086

■ 60, 53.627,
121.846

■ 62, 20.066,
123.605

■ 59, 60.488,
121.742

■ 63, 11.103,
124.124

■ 59, 66.102,
121.953

■ 64, 2.110, 124.647

■ 59, 70.124,
122.588

■ 65, 6.864, 305.080

■ 58, 72.422,
123.256

■ 66, 15.782,
305.527

■ 67, 24.618,
305.937

■ 68, 33.355,
306.314

■ 69, 41.979,
306.658

Harmonies

Complementary

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



61, 37.585, 122.589



43, 40.617, 307.300

Rectangle

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



61, 37.585, 122.589



61, 37.585, 172.589



61, 37.585, 302.589



61, 37.585, 352.589

Sweetspot

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



61, 37.586, 122.591



80, 14.402, 124.078



52, 23.888, 56.278



42, 10.157, 123.970



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 37.586, 122.591



76, 55.149, 122.172



59, 43.150, 138.196



33, 5.141, 124.282



54, 67.893, 123.136



4, 6.783, 125.897

Inverse Universe

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



43, 40.617, 307.300



50, 60.888, 307.993



47, 43.577, 322.658



31, 5.225, 305.194



19, 82.897, 309.717



1, 6.722, 304.011

Previews

White Background



This preview shows how the CIELCh color 61, 37.585, 122.589 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 37.585, 122.589 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 × Fail

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

CIELCh 61, 37.585, 122.589

Background



This preview shows how black text looks on a background with the CIELCh color 61, 37.585, 122.589.



This preview shows how white text looks on a background with the CIELCh color 61, 37.585, 122.589.

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

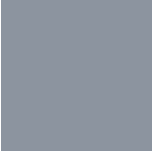
61, 37.585, 122.589

Protanopia

61, 33.707, 95.750

Deuteranopia

61, 31.389, 75.377



Tritanopia
61, 6.804, 265.088

Trichromacy



Original Color
61, 37.585, 122.589

Protanomaly
61, 34.025, 106.311

Deuteranomaly
61, 30.597, 95.089

Tritanomaly
61, 11.060, 139.001

Monochromacy



Original Color
61, 37.585, 122.589

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 13.995, 123.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 37.585, 122.589 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(131, 156, 90)` looks like.

```
.text, #text, p{  
    color:rgb(131, 156, 90)  
}
```

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(131, 156, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 156, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 37.585, 122.589 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(131, 156, 90) }
```

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

```
.border{ border-color:rgb(131, 156, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 156, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 156, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 156, 90);  
box-shadow:4px 4px 4px 4px rgb(131, 156,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 37.585, 122.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 156, 90) }
```

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

```
.background{ background-color: rgb(131,  
156, 90) }
```

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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