

Converting Colors

CIELCh(62, 37.637, 127.821)

Have a look what the booklet for
CIELCh(62, 37.637, 127.821)
contains.

CIELCh(62, 37.590, 127.785)	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, 37.590, 127.785)

Conversions

Conversions Part 1

Format	Color
Hex	7FA060
RGB	127, 160, 96
RGB Percent	50%, 63%, 38%
CMY	0.5028, 0.3734, 0.6243
CMYK	0.21, 0.00, 0.40, 0.37
HSL	91°, 25%, 50%
HSV	91°, 40%, 63%
XYZ	23.3556, 30.4025, 15.6546
YIQ	142.8370, 0.8760, -26.9000

Conversions

Conversions Part 2

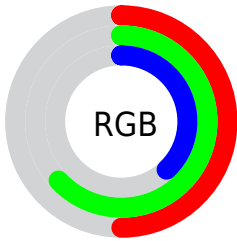
Format	Color
RYB	96, 160, 129
Decimal	8364128
CIELab	62.00, -23.03, 29.71
CIELCh	62, 37.590, 127.785
Yxy	30.4025, 0.3365, 0.4380
Android (android.graphics.Color)	4286554208 (0xFF7FA060)
YUV	142.8370, -23.0906, -13.8890
Hunter-Lab	55.1385, -20.8831, 21.7637

Details

The CIELCh color **62, 37.590, 127.785** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **46, 39.688, 311.536**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 37.817, 127.593**, and **42, 37.471, 127.833** is the 20% darker color. If you saturate the color by 10%, you get **61, 46.520, 127.353**, and if you desaturate by 10%, it is **63, 28.352, 128.258**.

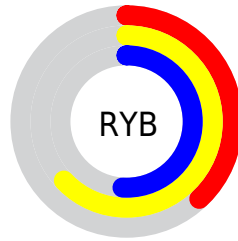
Distribution



Red (50%)

Green (63%)

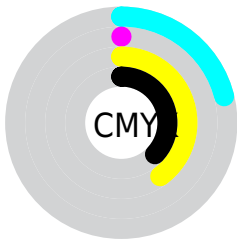
Blue (38%)



Red (38%)

Yellow (63%)

Blue (51%)

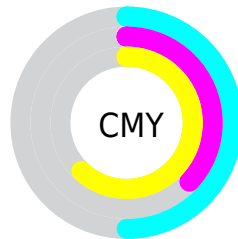


Cyan (21%)

Magenta (0%)

Yellow (40%)

Black (37%)



Cyan (50%)


Magenta (37%)

Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 37.590, 127.785 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, 37.590, 127.785 by changing the saturation by 10% instead.


 62, 37.590,
127.785


 62, 37.590,
127.785


 100, 37.590,
127.785


 52, 37.590,
127.785


 82, 37.590,
127.785

 42, 37.590,
127.785

 92, 37.590,
127.785

 32, 37.590,
127.785

 22, 37.590,
127.785

 12, 37.590,
127.785

 2, 37.590, 127.785

 0, 37.590, 127.785

62, 37.590,
127.785

62, 37.590,
127.785

61, 46.520,
127.353

63, 28.352,
128.258

61, 54.926,
127.013

64, 18.949,
128.734

60, 62.517,
126.851

65, 9.486, 129.196

59, 68.918,
126.978

66, 0.035, 132.579

67, 9.352, 309.996

59, 73.749,
127.515

68, 18.638,
310.361

59, 77.165,
128.374

69, 27.798,
310.686

71, 36.812,
310.976

■ 72, 45.669,
311.234

Harmonies

Complementary

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



62, 37.590, 127.785



46, 39.688, 311.536

Rectangle

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



62, 37.590, 127.785



62, 37.590, 177.785



62, 37.590, 307.785



62, 37.590, 357.785

Sweetspot

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



62, 37.591, 127.786



81, 13.973, 129.097



56, 23.382, 70.524



43, 9.344, 129.042



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 37.591, 127.786



78, 55.070, 127.399



60, 43.470, 141.480



33, 5.292, 129.233



53, 70.960, 128.216



4, 6.970, 130.477

Inverse Universe

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



46, 39.688, 311.536



54, 58.930, 311.987



50, 43.390, 326.536



31, 5.360, 310.002



22, 80.588, 312.494



1, 6.891, 308.685

Previews

White Background



This preview shows how the CIELCh color 62, 37.590, 127.785 looks on a white background.

Color Contrast Check

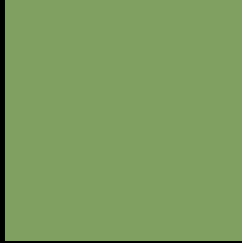
Large Text (above 18pt) WCAG AA × Fail

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, 37.590, 127.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

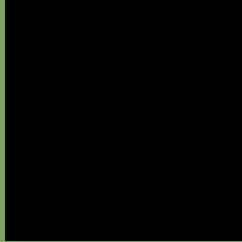
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 37.590, 127.785

Background



This preview shows how black text looks on a background with the CIELCh color 62, 37.590, 127.785.



This preview shows how white text looks on a background with the CIELCh color 62, 37.590, 127.785.

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](#).

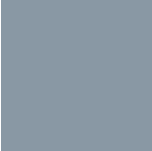
Dichromacy



Original Color
62, 37.590, 127.785

Protanopia
62, 32.072, 95.519

Deuteranopia
62, 29.082, 74.360



Tritanopia
62, 8.545, 251.309

Trichromacy



Original Color
62, 37.590, 127.785

Protanomaly
62, 32.910, 108.758

Deuteranomaly
62, 28.645, 97.345

Tritanomaly
62, 12.433, 152.245

Monochromacy



Original Color
62, 37.590, 127.785

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 13.800, 129.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 37.590, 127.785 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(127, 160, 96)` looks like.

```
.text, #text, p{  
    color:rgb(127, 160, 96)  
}
```

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(127, 160, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 160, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 37.590, 127.785 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(127, 160, 96) }
```

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

```
.border{ border-color:rgb(127, 160, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 160, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 160, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 160, 96);  
box-shadow:4px 4px 4px 4px rgb(127, 160,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 37.590, 127.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 160, 96) }
```

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

```
.background{ background-color: rgb(127,  
160, 96) }
```

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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