

Converting Colors

CIELCh(62, 37.448, 125.094)

Have a look what the booklet for
CIELCh(62, 37.448, 125.094)
contains.

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Color

CIELCh(62, 37.519, 125.227)

Conversions

Conversions Part 1

Format	Color
Hex	829F5E
RGB	130, 159, 94
RGB Percent	51%, 62%, 37%
CMY	0.4897, 0.3760, 0.6309
CMYK	0.18, 0.00, 0.41, 0.38
HSL	87°, 26%, 50%
HSV	87°, 41%, 62%
XYZ	23.6680, 30.4025, 15.2368
YIQ	142.9190, 3.5810, -26.3630

Conversions

Conversions Part 2

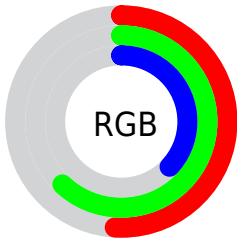
Format	Color
RYB	94, 159, 123
Decimal	8560478
CIELab	62.00, -21.64, 30.65
CIELCh	62, 37.519, 125.227
Yxy	30.4025, 0.3415, 0.4387
Android (android.graphics.Color)	4286750558 (0xFF829F5E)
YUV	142.9190, -24.1171, -11.3300
Hunter-Lab	55.1385, -19.8720, 22.2129

Details

The CIELCh color $62, 37.519, 125.227$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 40.054, 309.350$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 37.786, 125.180$, and $42, 37.315, 125.136$ is the 20% darker color. If you saturate the color by 10%, you get $61, 46.201, 124.802$, and if you desaturate by 10%, it is $63, 28.513, 125.705$.

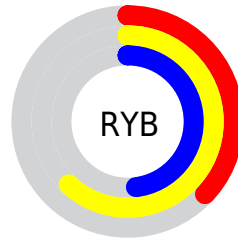
Distribution



Red (51%)

Green (62%)

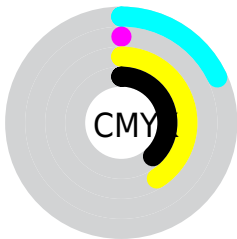
Blue (37%)



Red (37%)

Yellow (62%)

Blue (48%)

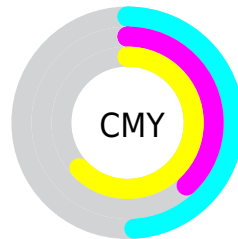


Cyan (18%)

Magenta (0%)

Yellow (41%)

Black (38%)



Cyan (49%)


Magenta (38%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 37.519, 125.227 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, 37.519, 125.227 by changing the saturation by 10% instead.


 62, 37.519,
125.227


 62, 37.519,
125.227


 100, 37.519,
125.227


 52, 37.519,
125.227


 82, 37.519,
125.227

 42, 37.519,
125.227


 92, 37.519,
125.227

 32, 37.519,
125.227

 22, 37.519,
125.227

 12, 37.519,
125.227

 2, 37.519, 125.227

 0, 37.519, 125.227

■ 62, 37.519,
125.227

■ 62, 37.519,
125.227

■ 61, 46.201,
124.802

■ 63, 28.513,
125.705

■ 61, 54.341,
124.484

■ 64, 19.325,
126.196

■ 60, 61.644,
124.359

■ 64, 10.058,
126.680

■ 60, 67.736,
124.537

■ 65, 0.783, 127.236

■ 59, 72.249,
125.135

■ 66, 8.449, 307.545

■ 59, 75.214,
125.962

■ 68, 17.604,
307.945

■ 69, 26.654,
308.307

■ 70, 35.581,
308.635

■ 71, 44.374,
308.931

Harmonies

Complementary

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



62, 37.519, 125.227



45, 40.054, 309.350

Rectangle

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



62, 37.519, 125.227



62, 37.519, 175.227



62, 37.519, 305.227



62, 37.519, 355.227

Sweetspot

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



62, 37.520, 125.229



82, 13.754, 126.614



54, 23.390, 63.482



43, 9.196, 126.556



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, 37.520, 125.229



78, 55.121, 124.838



60, 43.276, 139.911



33, 5.210, 126.757



53, 69.392, 125.809



4, 6.869, 128.180

Inverse Universe

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



45, 40.054, 309.350



53, 59.853, 309.896



49, 43.420, 324.607



31, 5.287, 307.586



20, 81.774, 310.973



1, 6.800, 306.339

Previews

White Background



This preview shows how the CIELCh color 62, 37.519, 125.227 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, 37.519, 125.227 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, 37.519, 125.227

Background



This preview shows how black text looks on a background with the CIELCh color 62, 37.519, 125.227.



This preview shows how white text looks on a background with the CIELCh color 62, 37.519, 125.227.

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, 37.519, 125.227

Protanopia
62, 33.118, 95.720

Deuteranopia
62, 30.297, 74.599



Tritanopia
62, 7.761, 259.671

Trichromacy



Original Color
62, 37.519, 125.227

Protanomaly
62, 33.942, 107.845

Deuteranomaly
62, 29.346, 95.755

Tritanomaly
62, 11.436, 146.918

Monochromacy



Original Color
62, 37.519, 125.227

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 14.188, 126.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 37.519, 125.227 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(130, 159, 94)` looks like.

```
.text, #text, p{  
    color:rgb(130, 159, 94)  
}
```

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(130, 159, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 159, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 37.519, 125.227 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(130, 159, 94) }
```

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

```
.border{ border-color:rgb(130, 159, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 159, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 159, 94); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 159, 94); box-shadow:4px 4px 4px 4px rgb(130, 159, 94) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 37.519, 125.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 159, 94) }
```

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

```
.background{ background-color: rgb(130,  
159, 94) }
```

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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