

Converting Colors

CIELCh(61, 38.399, 124.361)

Have a look what the booklet for
CIELCh(61, 38.399, 124.361)
contains.

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Color

CIELCh(61, 37.982, 124.341)

Conversions

Conversions Part 1

Format	Color
Hex	809C5A
RGB	128, 156, 90
RGB Percent	50%, 61%, 35%
CMY	0.4967, 0.3869, 0.6458
CMYK	0.18, 0.00, 0.42, 0.39
HSL	85°, 27%, 48%
HSV	85°, 42%, 61%
XYZ	22.7556, 29.2481, 14.1888
YIQ	140.1040, 4.4980, -26.4620

Conversions

Conversions Part 2

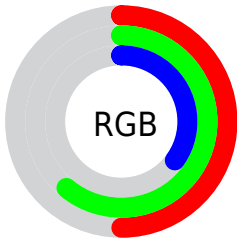
Format	Color
R_{YB}	90, 156, 118
Decimal	8428634
CIE _{Lab}	61.00, -21.43, 31.36
CIE _{LCh}	61, 37.982, 124.341
Yxy	29.2481, 0.3438, 0.4419
Android (android.graphics.Color)	4286618714 (0xFF809C5A)
YUV	140.1040, -24.7013, -10.6152
Hunter-Lab	54.0815, -19.5362, 22.3018

Details

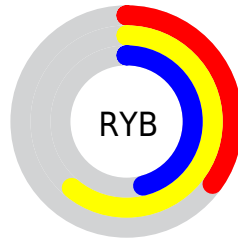
The CIELCh color $61, 37.982, 124.341$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 40.775, 308.730$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 38.235, 124.364$, and $41, 38.335, 124.507$ is the 20% darker color. If you saturate the color by 10%, you get $60, 46.428, 123.924$, and if you desaturate by 10%, it is $62, 29.191, 124.820$.

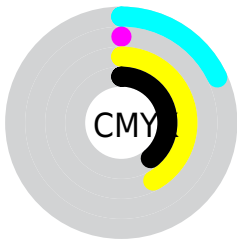
Distribution



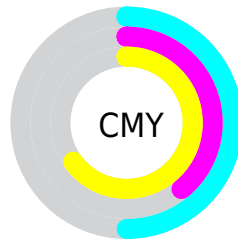
- Red (50%)
- Green (61%)
- Blue (35%)



- Red (35%)
- Yellow (61%)
- Blue (46%)



- Cyan (18%)
- Magenta (0%)
- Yellow (42%)
- Black (39%)





- Cyan (50%)
- Magenta (39%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 37.982, 124.341 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, 37.982, 124.341 by changing the saturation by 10% instead.


 61, 37.982,
124.341


 61, 37.982,
124.341


 100, 37.982,
124.341


 51, 37.982,
124.341


 81, 37.982,
124.341

 41, 37.982,
124.341

 91, 37.982,
124.341

 31, 37.982,
124.341

 21, 37.982,
124.341

 11, 37.982,
124.341

 1, 37.982, 124.341

 0, 37.982, 124.341

■ 61, 37.982,
124.341

■ 61, 37.982,
124.341

■ 60, 46.428,
123.924

■ 62, 29.191,
124.820

■ 60, 54.306,
123.623

■ 63, 20.203,
125.318

■ 59, 61.316,
123.529

■ 63, 11.122,
125.812

■ 59, 67.084,
123.752

■ 64, 2.021, 126.314

■ 58, 71.261,
124.406

■ 65, 7.050, 306.708

■ 58, 73.696,
125.102

■ 66, 16.054,
307.125

■ 67, 24.965,
307.505

■ 69, 33.763,
307.850

■ 70, 42.435,
308.163

Harmonies

Complementary

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



61, 37.982, 124.341



44, 40.775, 308.730

Rectangle

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



61, 37.982, 124.341



61, 37.982, 174.341



61, 37.982, 304.341



61, 37.982, 354.341

Sweetspot

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



61, 37.983, 124.343



81, 14.683, 125.762



53, 23.877, 61.586



42, 10.251, 125.660



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, 37.983, 124.343



77, 56.324, 123.932



59, 43.818, 139.411



33, 5.187, 125.957



53, 68.897, 124.973



4, 6.840, 127.441

Inverse Universe

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



44, 40.775, 308.730



51, 61.659, 309.351



47, 44.026, 324.165



31, 5.266, 306.810



20, 82.146, 310.539



1, 6.773, 305.584

Previews

White Background



This preview shows how the CIELCh color 61, 37.982, 124.341 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, 37.982, 124.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

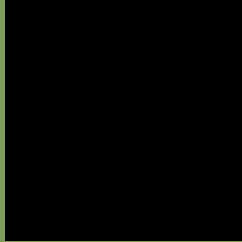
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 37.982, 124.341

Background



This preview shows how black text looks on a background with the CIELCh color 61, 37.982, 124.341.



This preview shows how white text looks on a background with the CIELCh color 61, 37.982, 124.341.

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, 37.982, 124.341

Protanopia
61, 33.707, 95.750

Deuteranopia
61, 30.908, 74.948



Tritanopia
61, 7.615, 262.067

Trichromacy



Original Color
61, 37.982, 124.341

Protanomaly
61, 34.028, 107.047

Deuteranomaly
61, 29.974, 95.790

Tritanomaly
61, 11.241, 145.411

Monochromacy



Original Color
61, 37.982, 124.341

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 14.113, 125.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 37.982, 124.341 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(128, 156, 90)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 156, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 156, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 37.982, 124.341 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(128, 156, 90) }
```

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

```
.border{ border-color:rgb(128, 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(128, 156, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 156, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 156, 90);  
box-shadow:4px 4px 4px 4px rgb(128, 156,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 37.982, 124.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 156, 90) }
```

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

```
.background{ background-color: rgb(128,  
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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