

Converting Colors

CIELCh(61, 47.158, 128.776)

Have a look what the booklet for
CIELCh(61, 47.158, 128.776)
contains.

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Color

CIELCh(61, 47.144, 128.959)

Conversions

Conversions Part 1

Format	Color
Hex	73A050
RGB	115, 160, 80
RGB Percent	45%, 63%, 31%
CMY	0.5501, 0.3736, 0.6873
CMYK	0.28, 0.00, 0.50, 0.37
HSL	94°, 33%, 47%
HSV	94°, 50%, 63%
XYZ	20.9964, 29.2481, 12.0791
YIQ	137.4250, -1.1400, -34.4200

Conversions

Conversions Part 2

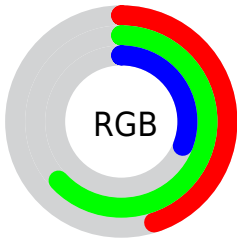
Format	Color
RYB	80, 160, 125
Decimal	7577680
CIELab	61.00, -29.64, 36.66
CIElCh	61, 47.144, 128.959
Yxy	29.2481, 0.3369, 0.4693
Android (android.graphics.Color)	4285767760 (0xFF73A050)
YUV	137.4250, -28.3105, -19.6667
Hunter-Lab	54.0815, -25.3426, 24.6147

Details

The CIELCh color $61, 47.144, 128.959$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $42, 50.092, 313.499$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 47.110, 128.904$, and $41, 47.109, 128.702$ is the 20% darker color. If you saturate the color by 10%, you get $60, 55.674, 128.599$, and if you desaturate by 10%, it is $62, 38.090, 129.407$.

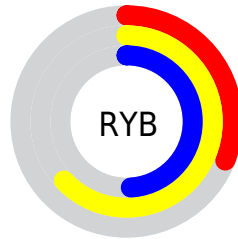
Distribution



Red (45%)

Green (63%)

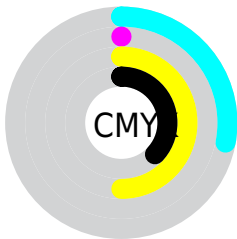
Blue (31%)



Red (31%)

Yellow (63%)

Blue (49%)

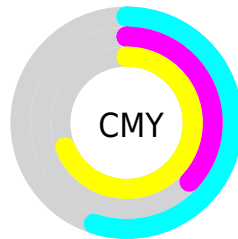


Cyan (28%)

Magenta (0%)

Yellow (50%)

Black (37%)



Cyan (55%)


Magenta (37%)


Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 47.144, 128.959 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, 47.144, 128.959 by changing the saturation by 10% instead.


 61, 47.144,
128.959


 61, 47.144,
128.959


 100, 47.144,
128.959


 51, 47.144,
128.959


 81, 47.144,
128.959

 41, 47.144,
128.959

 91, 47.144,
128.959

 31, 47.144,
128.959

 21, 47.144,
128.959

 11, 47.144,
128.959

 1, 47.144, 128.959

 0, 47.144, 128.959

■ 61, 47.144,
128.959

■ 61, 47.144,
128.959

■ 60, 55.674,
128.599

■ 62, 38.090,
129.407

■ 60, 63.378,
128.407

■ 63, 28.723,
129.885

■ 59, 69.880,
128.497

■ 64, 19.197,
130.360

■ 59, 74.797,
128.989

■ 65, 9.618, 130.817

■ 58, 78.270,
129.788

■ 66, 0.061, 133.140

■ 67, 9.419, 311.591

■ 68, 18.785,
311.941

■ 70, 28.008,
312.249

■ 71, 37.072,
312.522

Harmonies

Complementary

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



61, 47.144, 128.959



42, 50.092, 313.499

Rectangle

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



61, 47.144, 128.959



61, 47.144, 178.959



61, 47.144, 308.959



61, 47.144, 358.959

Sweetspot

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



61, 47.145, 128.960



81, 17.679, 130.582



54, 30.435, 74.162



43, 12.161, 130.490



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 47.145, 128.960



76, 68.412, 128.569



59, 51.904, 141.740



33, 5.353, 130.854



53, 71.992, 129.636



4, 7.044, 131.987

Inverse Universe

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



42, 50.092, 313.499



49, 73.693, 313.930



46, 51.603, 328.497



31, 5.415, 311.598



23, 79.798, 313.646



1, 6.960, 310.232

Previews

White Background



This preview shows how the CIELCh color 61, 47.144, 128.959 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 CIE LCh color 61, 47.144, 128.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

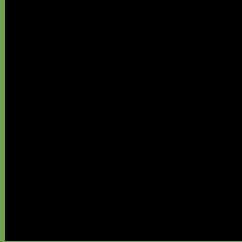
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 47.144, 128.959

Background



This preview shows how black text looks on a background with the CIELCh color 61, 47.144, 128.959.



This preview shows how white text looks on a background with the CIELCh color 61, 47.144, 128.959.

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](#).

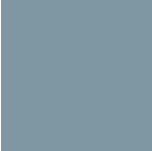
Dichromacy



Original Color
61, 47.144, 128.959

Protanopia
61, 39.920, 95.898

Deuteranopia
61, 35.743, 77.059



Tritanopia
61, 10.743, 237.959

Trichromacy



Original Color
61, 47.144, 128.959

Protanomaly
61, 40.738, 109.951

Deuteranomaly
60, 35.418, 99.636

Tritanomaly
61, 16.920, 153.720

Monochromacy



Original Color
61, 47.144, 128.959

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 17.624, 129.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 47.144, 128.959 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(115, 160, 80)` looks like.

```
.text, #text, p{  
    color:rgb(115, 160, 80)  
}
```

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(115, 160, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 160, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 47.144, 128.959 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(115, 160, 80) }
```

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

```
.border{ border-color:rgb(115, 160, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 160, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 160, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 160, 80);  
box-shadow:4px 4px 4px 4px rgb(115, 160,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 47.144, 128.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 160, 80) }
```

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

```
.background{ background-color: rgb(115,  
160, 80) }
```

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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