

Converting Colors

CIELCh(60, 37.516, 125.940)

Have a look what the booklet for
CIELCh(60, 37.516, 125.940)
contains.

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Color

CIELCh(60, 37.353, 126.036)

Conversions

Conversions Part 1

Format	Color
Hex	7C9A5A
RGB	124, 154, 90
RGB Percent	49%, 60%, 35%
CMY	0.5138, 0.3962, 0.6471
CMYK	0.19, 0.00, 0.42, 0.40
HSL	88°, 26%, 48%
HSV	88°, 42%, 60%
XYZ	21.7039, 28.1233, 13.9517
YIQ	137.7340, 2.6640, -26.2640

Conversions

Conversions Part 2

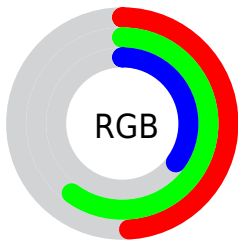
Format	Color
R_{YB}	90, 154, 120
Decimal	8165978
CIE _{Lab}	60.00, -21.97, 30.21
CIE _{LCh}	60, 37.353, 126.036
Yxy	28.1233, 0.3403, 0.4409
Android (android.graphics.Color)	4286356058 (0xFF7C9A5A)
YUV	137.7340, -23.5329, -12.0447
Hunter-Lab	53.0314, -19.7512, 21.5238

Details

The CIELCh color $60, 37.353, 126.036$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 39.791, 310.109$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 37.588, 125.951$, and $40, 37.780, 126.268$ is the 20% darker color. If you saturate the color by 10%, you get $59, 45.838, 125.619$, and if you desaturate by 10%, it is $61, 28.544, 126.507$.

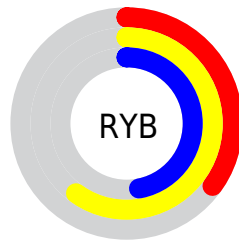
Distribution



Red (49%)

Green (60%)

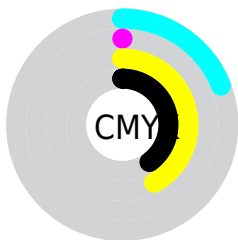
Blue (35%)



Red (35%)

Yellow (60%)

Blue (47%)

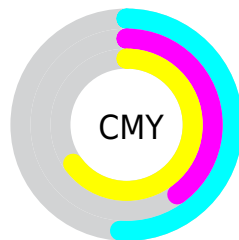


Cyan (19%)

Magenta (0%)

Yellow (42%)

Black (40%)



Cyan (51%)


Magenta (40%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 37.353, 126.036 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 60, 37.353, 126.036 by changing the saturation by 10% instead.


 60, 37.353,
126.036


 60, 37.353,
126.036


 100, 37.353,
126.036


 50, 37.353,
126.036


 80, 37.353,
126.036

 40, 37.353,
126.036

 90, 37.353,
126.036


 30, 37.353,
126.036

 20, 37.353,
126.036

 10, 37.353,
126.036

 0, 37.353, 126.036

 60, 37.353,

 60, 37.353,

126.036

126.036

■ 59, 45.838,
125.619

■ 61, 28.544,
126.507

■ 59, 53.784,
125.309

■ 62, 19.554,
126.990

■ 58, 60.900,
125.194

■ 62, 10.485,
127.465

■ 58, 66.819,
125.387

■ 63, 1.409, 127.967

■ 57, 71.190,
126.004

■ 64, 7.623, 308.309

■ 57, 73.936,
126.741

■ 66, 16.575,
308.699

■ 67, 25.421,
309.051

■ 68, 34.144,
309.368

■ 69, 42.729,
309.653

Harmonies

Complementary

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



60, 37.353, 126.036



44, 39.791, 310.109

Rectangle

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



60, 37.353, 126.036



60, 37.353, 176.036



60, 37.353, 306.036



60, 37.353, 356.036

Sweetspot

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



60, 37.354, 126.037



79, 13.404, 127.433



53, 23.370, 66.919



41, 8.869, 127.379



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 37.354, 126.037



75, 54.802, 125.642



58, 43.276, 140.616



32, 5.095, 127.574



52, 68.976, 126.605



3, 5.525, 128.286

Inverse Universe

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



44, 39.791, 310.109



51, 59.351, 310.640



47, 43.294, 325.623



30, 5.167, 308.376



20, 80.313, 311.462



1, 5.507, 307.690

Previews

White Background



This preview shows how the CIELCh color 60, 37.353, 126.036 looks on a white background.

Color Contrast Check

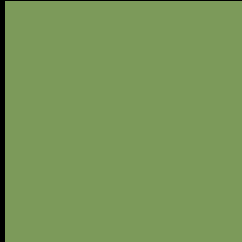
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 37.353, 126.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

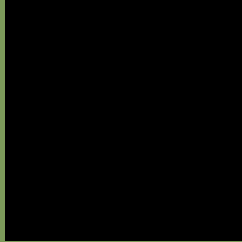
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 37.353, 126.036

Background



This preview shows how black text looks on a background with the CIELCh color 60, 37.353, 126.036.



This preview shows how white text looks on a background with the CIELCh color 60, 37.353, 126.036.

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](#).

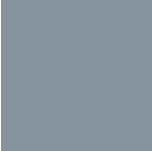
Dichromacy



Original Color
60, 37.353, 126.036

Protanopia
60, 32.766, 95.467

Deuteranopia
60, 29.519, 75.389



Tritanopia
60, 7.988, 257.484

Trichromacy



Original Color
60, 37.353, 126.036

Protanomaly
60, 33.577, 107.820

Deuteranomaly
60, 28.803, 97.211

Tritanomaly
60, 11.754, 148.317

Monochromacy



Original Color
60, 37.353, 126.036

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 13.744, 127.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 37.353, 126.036 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(124, 154, 90)` looks like.

```
.text, #text, p{  
    color:rgb(124, 154, 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(124, 154, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 154, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 37.353, 126.036 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(124, 154, 90) }
```

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

```
.border{ border-color:rgb(124, 154, 90) }
```

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

Here you see how a box with a 4 pixel rgb(124, 154, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 154, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 154, 90);  
box-shadow:4px 4px 4px 4px rgb(124, 154,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 37.353, 126.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 154, 90) }
```

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

```
.background{ background-color: rgb(124,  
154, 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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