

Converting Colors

CIELCh(60, 36.180, 128.124)

Have a look what the booklet for
CIELCh(60, 36.180, 128.124)
contains.

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Color

CIELCh(60, 36.180, 128.124)

Conversions

Conversions Part 1

Format	Color
Hex	7A9A5D
RGB	122, 154, 93
RGB Percent	48%, 60%, 36%
CMY	0.5208, 0.3953, 0.6346
CMYK	0.21, 0.00, 0.40, 0.40
HSL	91°, 25%, 49%
HSV	91°, 40%, 60%
XYZ	21.6269, 28.1233, 14.6880
YIQ	137.4780, 0.5090, -25.7550

Conversions

Conversions Part 2

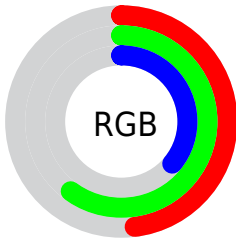
Format	Color
R_{YB}	93, 154, 125
Decimal	8034909
CIE _{Lab}	60.00, -22.34, 28.46
CIE _{LCh}	60, 36.180, 128.124
Yxy	28.1233, 0.3356, 0.4364
Android (android.graphics.Color)	4286224989 (0xFF7A9A5D)
YUV	137.4780, -21.9277, -13.5742
Hunter-Lab	53.0314, -20.0103, 20.7006

Details

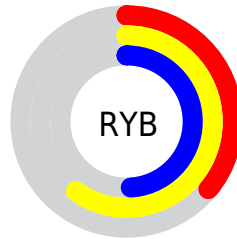
The CIELCh color $60, 36.180, 128.124$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 38.119, 311.791$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 36.567, 128.438$, and $40, 36.515, 127.857$ is the 20% darker color. If you saturate the color by 10%, you get $59, 44.902, 127.688$, and if you desaturate by 10%, it is $61, 27.170, 128.597$.

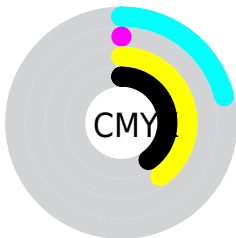
Distribution



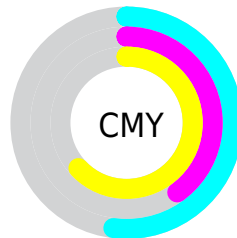
- Red (48%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (60%)
- Blue (49%)



- Cyan (21%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)





- Cyan (52%)
- Magenta (40%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 36.180, 128.124 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, 36.180, 128.124 by changing the saturation by 10% instead.


 60, 36.180,
128.124


 60, 36.180,
128.124


 100, 36.180,
128.124


 50, 36.180,
128.124


 80, 36.180,
128.124

 40, 36.180,
128.124

 90, 36.180,
128.124


 30, 36.180,
128.124

 20, 36.180,
128.124

 10, 36.180,
128.124

 0, 36.180, 128.124

 60, 36.180,

 60, 36.180,

128.124

128.124

■ 59, 44.902,
127.688

■ 61, 27.170,
128.597

■ 59, 53.131,
127.338

■ 62, 18.008,
129.070

■ 58, 60.590,
127.157

■ 63, 8.794, 129.529

■ 58, 66.921,
127.254

■ 64, 0.404, 309.682

■ 65, 9.536, 310.318

■ 57, 71.754,
127.749

■ 66, 18.566,
310.676

■ 57, 75.206,
128.574

■ 67, 27.470,
310.995

■ 57, 75.351,
128.606

■ 69, 36.230,
311.279

■ 70, 44.835,

Harmonies

Complementary

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



60, 36.180, 128.124



45, 38.119, 311.791

Rectangle

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



60, 36.180, 128.124



60, 36.180, 178.124



60, 36.180, 308.124



60, 36.180, 358.124

Sweetspot

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



60, 36.181, 128.125



80, 13.721, 129.408



54, 22.569, 72.288



42, 9.175, 129.354



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 36.181, 128.125



76, 53.034, 127.755



58, 41.287, 141.968



32, 5.161, 129.545



52, 70.212, 128.470



3, 5.592, 130.197

Inverse Universe

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



45, 38.119, 311.791



54, 56.567, 312.209



48, 41.215, 326.978



30, 5.226, 310.304



21, 79.376, 312.723



1, 5.572, 309.616

Previews

White Background



This preview shows how the CIELCh color 60, 36.180, 128.124 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, 36.180, 128.124 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, 36.180, 128.124

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.180, 128.124.

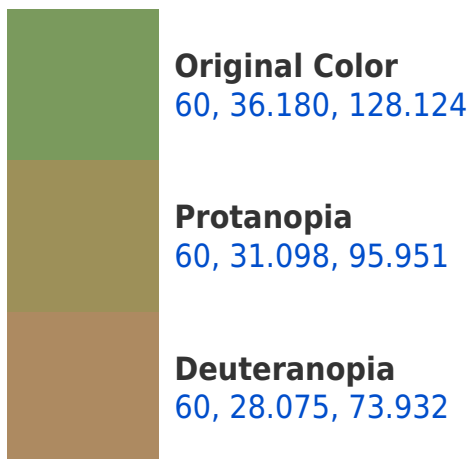


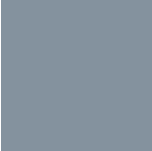
This preview shows how white text looks on a background with the CIELCh color 60, 36.180, 128.124.

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





Tritanopia
60, 8.386, 253.318

Trichromacy



Original Color
60, 36.180, 128.124

Protanomaly
60, 31.507, 109.731

Deuteranomaly
60, 27.197, 96.878

Tritanomaly
60, 11.839, 152.756

Monochromacy



Original Color
60, 36.180, 128.124

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 13.361, 129.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.180, 128.124 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(122, 154, 93)` looks like.

```
.text, #text, p{  
    color:rgb(122, 154, 93)  
}
```

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(122, 154, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 154, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.180, 128.124 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(122, 154, 93) }
```

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

```
.border{ border-color:rgb(122, 154, 93) }
```

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

Here you see how a box with a 4 pixel rgb(122, 154, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 154, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 154, 93);  
box-shadow:4px 4px 4px 4px rgb(122, 154,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.180, 128.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 154, 93) }
```

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

```
.background{ background-color: rgb(122,  
154, 93) }
```

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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