

Converting Colors

CIELCh(61, 46.871, 140.551)

Have a look what the booklet for
CIELCh(61, 46.871, 140.551)
contains.

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Color

CIELCh(61, 46.831, 140.574)

Conversions

Conversions Part 1

Format	Color
Hex	5FA35D
RGB	95, 163, 93
RGB Percent	37%, 64%, 36%
CMY	0.6290, 0.3623, 0.6367
CMYK	0.42, 0.00, 0.43, 0.36
HSL	118°, 27%, 50%
HSV	118°, 43%, 64%
XYZ	19.6644, 29.2481, 14.8798
YIQ	134.6880, -18.0580, -36.1860

Conversions

Conversions Part 2

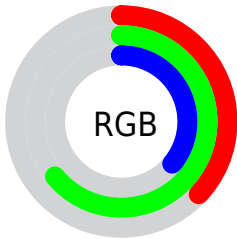
Format	Color
R_{YB}	93, 163, 161
Decimal	6267741
CIE _{Lab}	61.00, -36.17, 29.74
CIE _{LCh}	61, 46.831, 140.574
Yxy	29.2481, 0.3083, 0.4585
Android (android.graphics.Color)	4284457821 (0xFF5FA35D)
YUV	134.6880, -20.5522, -34.8064
Hunter-Lab	54.0815, -29.7391, 21.5442

Details

The CIELCh color $61, 46.831, 140.574$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 46.815, 325.850$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 46.642, 140.402$, and $41, 47.051, 140.418$ is the 20% darker color. If you saturate the color by 10%, you get $60, 56.851, 139.584$, and if you desaturate by 10%, it is $62, 36.226, 141.475$.

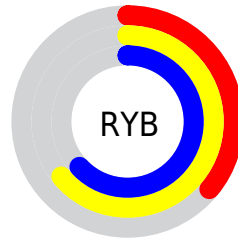
Distribution



Red (37%)

Green (64%)

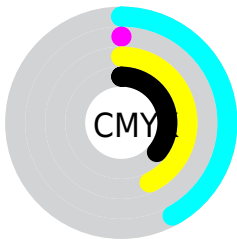
Blue (36%)



Red (36%)

Yellow (64%)

Blue (63%)

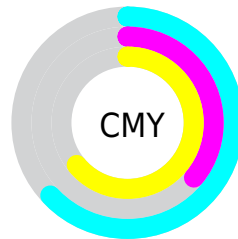


Cyan (42%)

Magenta (0%)

Yellow (43%)

Black (36%)



Cyan (63%)


Magenta (36%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 46.831, 140.574 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, 46.831, 140.574 by changing the saturation by 10% instead.


 61, 46.831,
140.574


 61, 46.831,
140.574


 100, 46.831,
140.574


 51, 46.831,
140.574


 81, 46.831,
140.574

 41, 46.831,
140.574

 91, 46.831,
140.574

 31, 46.831,
140.574

 21, 46.831,
140.574

 11, 46.831,
140.574

 1, 46.831, 140.574

 0, 46.831, 140.574

■ 61, 46.831,
140.574

■ 61, 46.831,
140.574

■ 60, 56.851,
139.584

■ 62, 36.226,
141.475

■ 59, 65.947,
138.547

■ 63, 25.302,
142.269

■ 59, 73.717,
137.550

■ 65, 14.272,
142.960

■ 58, 79.723,
136.717

■ 66, 3.292, 143.596

■ 58, 83.610,
136.179

■ 68, 7.525, 323.999

■ 58, 85.383,
135.880

■ 70, 18.101,
324.438

■ 72, 28.389,
324.800

■ 74, 38.360,
325.106

■ 76, 48.005,
325.366

Harmonies

Complementary

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



61, 46.831, 140.574



49, 46.815, 325.850

Rectangle

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



61, 46.831, 140.574



61, 46.831, 190.574



61, 46.831, 320.574



61, 46.831, 10.574

Sweetspot

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



61, 46.832, 140.574



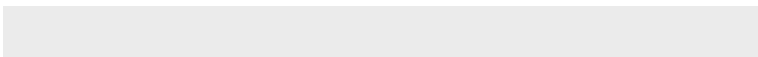
82, 17.649, 142.946



65, 36.640, 104.628



43, 12.461, 142.807



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 46.832, 140.574



77, 69.099, 139.589



62, 33.296, 157.739



34, 6.200, 143.197



52, 78.622, 135.860



4, 9.623, 143.763

Inverse Universe

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



49, 46.815, 325.850



60, 68.854, 326.271



48, 34.669, 345.980



32, 6.213, 324.149



33, 76.118, 327.142



1, 9.588, 323.436

Previews

White Background



This preview shows how the CIELCh color 61, 46.831, 140.574 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, 46.831, 140.574 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, 46.831, 140.574

Background



This preview shows how black text looks on a background with the CIELCh color 61, 46.831, 140.574.

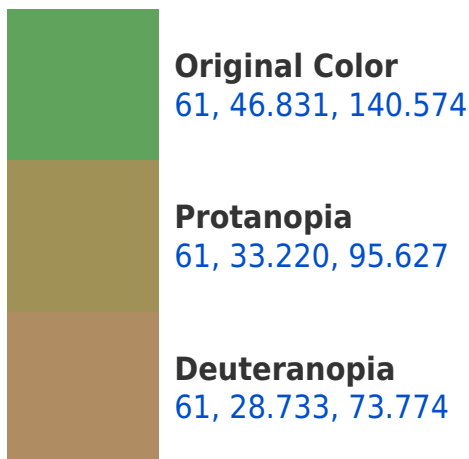


This preview shows how white text looks on a background with the CIELCh color 61, 46.831, 140.574.

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
61, 16.473, 222.592

Trichromacy



Original Color
61, 46.831, 140.574

Protanomaly
60, 35.225, 117.552

Deuteranomaly
60, 28.800, 108.597

Tritanomaly
61, 22.028, 169.961

Monochromacy



Original Color
61, 46.831, 140.574

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 17.184, 142.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 46.831, 140.574 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(95, 163, 93)` looks like.

```
.text, #text, p{  
    color:rgb(95, 163, 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(95, 163, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 163, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 46.831, 140.574 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(95, 163, 93) }
```

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

```
.border{ border-color:rgb(95, 163, 93) }
```

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

Here you see how a box with a 4 pixel rgb(95, 163, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 163, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 163, 93);  
box-shadow:4px 4px 4px 4px rgb(95, 163,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 46.831, 140.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 163, 93) }
```

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

```
.background{ background-color: rgb(95, 163,  
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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