

Converting Colors

CIELCh(61, 58.045, 142.370)

Have a look what the booklet for
CIELCh(61, 58.045, 142.370)
contains.

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Color

CIELCh(61, 58.201, 142.385)

Conversions

Conversions Part 1

Format	Color
Hex	47A651
RGB	71, 166, 81
RGB Percent	28%, 65%, 32%
CMY	0.7211, 0.3486, 0.6820
CMYK	0.57, 0.00, 0.51, 0.35
HSL	126°, 40%, 47%
HSV	126°, 57%, 65%
XYZ	17.7495, 29.2481, 12.5125
YIQ	127.9050, -29.3350, -46.5750

Conversions

Conversions Part 2

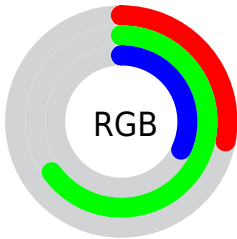
Format	Color
RYB	71, 157, 166
Decimal	4695633
CIELab	61.00, -46.10, 35.52
CIELCh	61, 58.201, 142.385
Yxy	29.2481, 0.2983, 0.4915
Android (android.graphics.Color)	4282885713 (0xFF47A651)
YUV	127.9050, -23.1242, -49.9057
Hunter-Lab	54.0815, -36.0591, 24.1395

Details

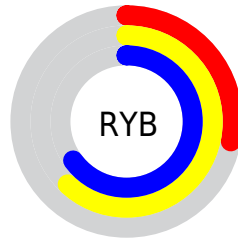
The CIELCh color **61, 58.201, 142.385** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **46, 57.558, 330.699**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 58.196, 142.265**, and **41, 57.605, 141.578** is the 20% darker color. If you saturate the color by 10%, you get **60, 66.668, 141.086**, and if you desaturate by 10%, it is **62, 48.845, 143.573**.

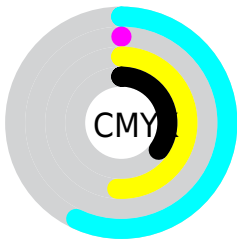
Distribution



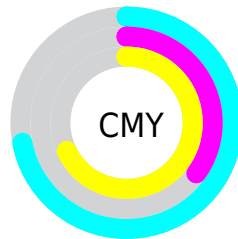
- Red (28%)
- Green (65%)
- Blue (32%)



- Red (28%)
- Yellow (62%)
- Blue (65%)



- Cyan (57%)
- Magenta (0%)
- Yellow (51%)
- Black (35%)





- Cyan (72%)
- Magenta (35%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 58.201, 142.385 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, 58.201, 142.385 by changing the saturation by 10% instead.


 61, 58.201,
142.385


 61, 58.201,
142.385


 100, 58.201,
142.385


 51, 58.201,
142.385


 81, 58.201,
142.385

 41, 58.201,
142.385

 91, 58.201,
142.385

 31, 58.201,
142.385

 21, 58.201,
142.385

 11, 58.201,
142.385

 1, 58.201, 142.385

 0, 58.201, 142.385

■ 61, 58.201,
142.385

■ 61, 58.201,
142.385

■ 60, 66.668,
141.086

■ 62, 48.845,
143.573

■ 60, 73.948,
139.731

■ 63, 38.873,
144.627

■ 60, 79.745,
138.412

■ 64, 28.528,
145.546

■ 59, 83.842,
137.282

■ 65, 18.014,
146.340

■ 59, 84.722,
137.061

■ 67, 7.493, 147.036

■ 69, 2.913, 327.497

■ 70, 13.116,
328.060

■ 72, 23.059,
328.495

■ 75, 32.705,
328.868

Harmonies

Complementary

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



61, 58.201, 142.385



46, 57.558, 330.699

Rectangle

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



61, 58.201, 142.385



61, 58.201, 192.385



61, 58.201, 322.385



61, 58.201, 12.385

Sweetspot

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



61, 58.202, 142.385



83, 22.123, 146.331



66, 50.009, 109.713



44, 14.925, 146.187



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 58.202, 142.385



77, 84.196, 140.670



62, 38.999, 163.054



35, 5.970, 146.894



53, 77.588, 137.175



5, 10.967, 146.988

Inverse Universe

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



46, 57.558, 330.699



55, 81.905, 331.393



44, 43.214, 356.753



33, 5.982, 327.931



34, 71.001, 332.824



2, 10.571, 328.614

Previews

White Background



This preview shows how the CIELCh color 61, 58.201, 142.385 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, 58.201, 142.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

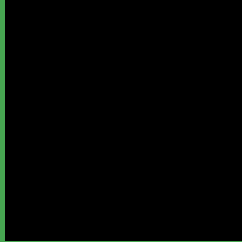
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 58.201, 142.385

Background



This preview shows how black text looks on a background with the CIELCh color 61, 58.201, 142.385.

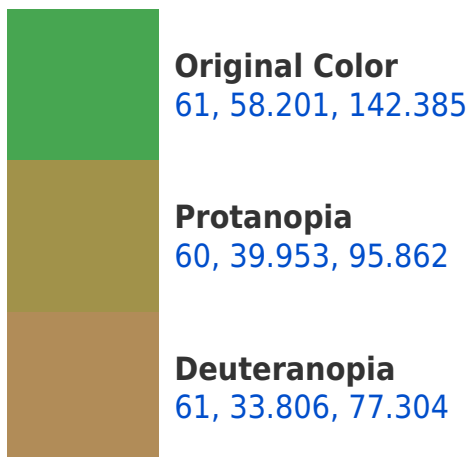


This preview shows how white text looks on a background with the CIELCh color 61, 58.201, 142.385.

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, 21.416, 216.289

Trichromacy



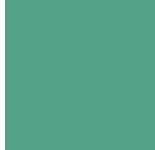
Original Color
61, 58.201, 142.385



Protanomaly
60, 42.605, 120.258



Deuteranomaly
59, 35.453, 113.927



Tritanomaly
61, 29.423, 170.614

Monochromacy



Original Color
61, 58.201, 142.385



Achromatopsia
54, 0.007, 296.813



Achromatomaly
56, 22.607, 146.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 58.201, 142.385 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(71, 166, 81)` looks like.

```
.text, #text, p{  
    color:rgb(71, 166, 81)  
}
```

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(71, 166, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 166, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 58.201, 142.385 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(71, 166, 81) }
```

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

```
.border{ border-color:rgb(71, 166, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 166, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 166, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 166, 81);  
box-shadow:4px 4px 4px 4px rgb(71, 166,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 58.201, 142.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 166, 81) }
```

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

```
.background{ background-color: rgb(71, 166,  
81) }
```

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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