

Converting Colors

CIELCh(61, 54.553, 142.024)

Have a look what the booklet for
CIELCh(61, 54.553, 142.024)
contains.

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Color

CIELCh(61, 54.553, 142.024)

Conversions

Conversions Part 1

Format	Color
Hex	4FA555
RGB	79, 165, 85
RGB Percent	31%, 65%, 33%
CMY	0.6900, 0.3527, 0.6665
CMYK	0.52, 0.00, 0.48, 0.35
HSL	124°, 35%, 48%
HSV	124°, 52%, 65%
XYZ	18.3335, 29.2481, 13.2825
YIQ	130.1660, -25.5760, -43.1120

Conversions

Conversions Part 2

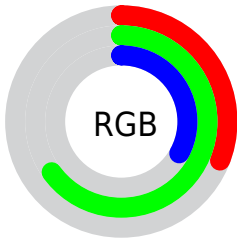
Format	Color
RYB	79, 159, 165
Decimal	5219669
CIELab	61.00, -43.00, 33.57
CIELCh	61, 54.553, 142.024
Yxy	29.2481, 0.3012, 0.4805
Android (android.graphics.Color)	4283409749 (0xFF4FA555)
YUV	130.1660, -22.2668, -44.8726
Hunter-Lab	54.0815, -34.1318, 23.2954

Details

The CIELCh color **61, 54.553, 142.024** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **47, 54.165, 329.233**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 54.790, 142.054**, and **41, 54.350, 142.123** is the 20% darker color. If you saturate the color by 10%, you get **60, 63.616, 140.818**, and if you desaturate by 10%, it is **62, 44.691, 143.121**.

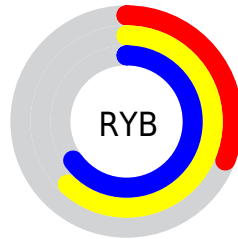
Distribution



Red (31%)

Green (65%)

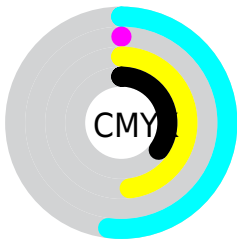
Blue (33%)



Red (31%)

Yellow (62%)

Blue (65%)

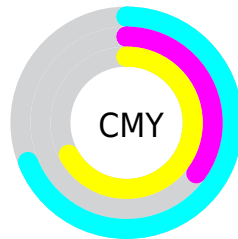


Cyan (52%)

Magenta (0%)

Yellow (48%)

Black (35%)



Cyan (69%)


Magenta (35%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 54.553, 142.024 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, 54.553, 142.024 by changing the saturation by 10% instead.


 61, 54.553,
142.024


 61, 54.553,
142.024


 100, 54.553,
142.024


 51, 54.553,
142.024


 81, 54.553,
142.024

 41, 54.553,
142.024

 91, 54.553,
142.024

 31, 54.553,
142.024

 21, 54.553,
142.024

 11, 54.553,
142.024

 1, 54.553, 142.024

 0, 54.553, 142.024

■ 61, 54.553,
142.024

■ 61, 54.553,
142.024

■ 60, 63.616,
140.818

■ 62, 44.691,
143.121

■ 60, 71.556,
139.553

■ 63, 34.311,
144.090

■ 59, 78.032,
138.318

■ 64, 23.652,
144.932

■ 59, 82.726,
137.239

■ 66, 12.908,
145.660

■ 59, 85.143,
136.662

■ 67, 2.224, 146.363

■ 69, 8.290, 326.752

■ 71, 18.561,
327.216

■ 73, 28.543,
327.605

■ 75, 38.209,
327.938

Harmonies

Complementary

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



61, 54.553, 142.024



47, 54.165, 329.233

Rectangle

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



61, 54.553, 142.024



61, 54.553, 192.024



61, 54.553, 322.024



61, 54.553, 12.024

Sweetspot

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



61, 54.554, 142.024



83, 21.133, 145.368



66, 45.702, 108.488



43, 14.252, 145.227



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, 54.554, 142.024



76, 79.335, 140.562



62, 36.880, 161.828



34, 5.965, 145.851



52, 77.374, 136.763



4, 9.292, 146.186

Inverse Universe

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



47, 54.165, 329.233



56, 77.953, 329.815



45, 39.991, 353.504



32, 5.976, 326.864



34, 72.049, 331.156



2, 9.115, 327.003

Previews

White Background



This preview shows how the CIELCh color 61, 54.553, 142.024 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, 54.553, 142.024 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, 54.553, 142.024

Background



This preview shows how black text looks on a background with the CIELCh color 61, 54.553, 142.024.

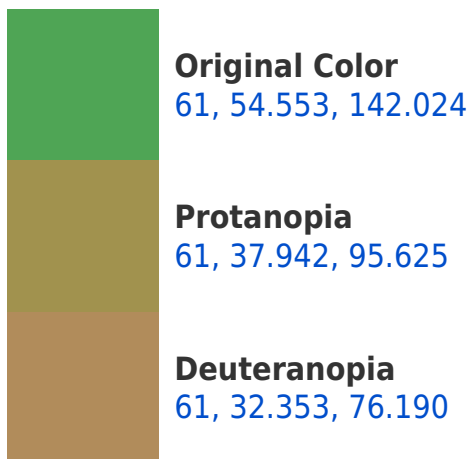


This preview shows how white text looks on a background with the CIELCh color 61, 54.553, 142.024.

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, 19.912, 217.877

Trichromacy



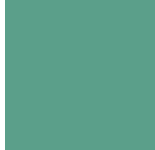
Original Color
61, 54.553, 142.024



Protanomaly
60, 40.315, 119.414



Deuteranomaly
60, 33.206, 112.409



Tritanomaly
61, 27.035, 170.980

Monochromacy



Original Color
61, 54.553, 142.024



Achromatopsia
54, 0.007, 296.813



Achromatomaly
56, 20.941, 145.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 54.553, 142.024 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(79, 165, 85)` looks like.

```
.text, #text, p{  
    color:rgb(79, 165, 85)  
}
```

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(79, 165, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 165, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 54.553, 142.024 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(79, 165, 85) }
```

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

```
.border{ border-color:rgb(79, 165, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 165, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 165, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 165, 85);  
box-shadow:4px 4px 4px 4px rgb(79, 165,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 54.553, 142.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 165, 85) }
```

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

```
.background{ background-color: rgb(79, 165,  
85) }
```

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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