

Converting Colors

CIELCh(61, 52.590, 141.658)

Have a look what the booklet for
CIELCh(61, 52.590, 141.658)
contains.

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Color

CIELCh(61, 52.381, 141.788)

Conversions

Conversions Part 1

Format	Color
Hex	53A457
RGB	83, 164, 87
RGB Percent	33%, 64%, 34%
CMY	0.6729, 0.3553, 0.6574
CMYK	0.49, 0.00, 0.47, 0.36
HSL	123°, 33%, 49%
HSV	123°, 49%, 64%
XYZ	18.6870, 29.2481, 13.7567
YIQ	131.0030, -23.5590, -41.1190

Conversions

Conversions Part 2

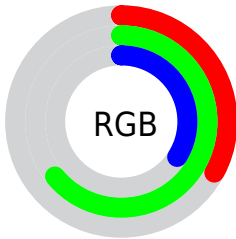
Format	Color
R_{YB}	83, 160, 164
Decimal	5481559
CIE _{Lab}	61.00, -41.16, 32.40
CIE _{LCh}	61, 52.381, 141.788
Yxy	29.2481, 0.3029, 0.4741
Android (android.graphics.Color)	4283671639 (0xFF53A457)
YUV	131.0030, -21.6935, -42.0986
Hunter-Lab	54.0815, -32.9649, 22.7755

Details

The CIELCh color **61, 52.381, 141.788** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **48, 52.098, 328.429**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 52.579, 141.665**, and **41, 52.207, 141.882** is the 20% darker color. If you saturate the color by 10%, you get **60, 61.767, 140.632**, and if you desaturate by 10%, it is **62, 42.250, 142.837**.

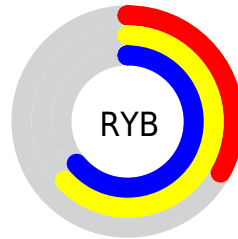
Distribution



Red (33%)

Green (64%)

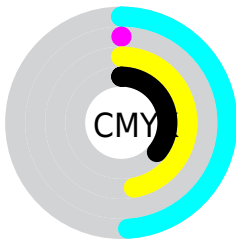
Blue (34%)



Red (33%)

Yellow (63%)

Blue (64%)

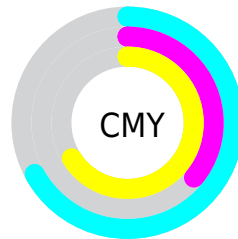


Cyan (49%)

Magenta (0%)

Yellow (47%)

Black (36%)



Cyan (67%)


Magenta (36%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 52.381, 141.788 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, 52.381, 141.788 by changing the saturation by 10% instead.


 61, 52.381,
141.788


 61, 52.381,
141.788


 100, 52.381,
141.788


 51, 52.381,
141.788


 81, 52.381,
141.788

 41, 52.381,
141.788

 91, 52.381,
141.788

 31, 52.381,
141.788

 21, 52.381,
141.788

 11, 52.381,
141.788

 1, 52.381, 141.788

 0, 52.381, 141.788

■ 61, 52.381,
141.788

■ 61, 52.381,
141.788

■ 60, 61.767,
140.632

■ 62, 42.250,
142.837

■ 60, 70.075,
139.415

■ 63, 31.657,
143.762

■ 59, 76.939,
138.227

■ 64, 20.837,
144.563

■ 59, 82.004,
137.191

■ 66, 9.974, 145.258

■ 59, 85.119,
136.500

■ 68, 0.790, 325.522

■ 59, 85.294,
136.471

■ 69, 11.359,
326.292

■ 71, 21.664,
326.725

■ 73, 31.666,
327.090

■ 76, 41.345,
327.402

Harmonies

Complementary

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



61, 52.381, 141.788



48, 52.098, 328.429

Rectangle

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



61, 52.381, 141.788



61, 52.381, 191.788



61, 52.381, 321.788



61, 52.381, 11.788

Sweetspot

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



61, 52.382, 141.788



83, 20.092, 144.851



66, 43.235, 107.146



43, 13.694, 144.709



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, 52.382, 141.788



77, 76.105, 140.532



62, 35.994, 160.362



34, 6.052, 145.259



52, 77.789, 136.543



4, 9.414, 145.650

Inverse Universe

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



48, 52.098, 328.429



58, 75.142, 328.935



46, 38.410, 350.865



32, 6.062, 326.263



34, 73.214, 330.237



2, 9.285, 326.219

Previews

White Background



This preview shows how the CIELCh color 61, 52.381, 141.788 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 CIE LCh color 61, 52.381, 141.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

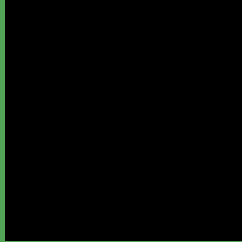
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 52.381, 141.788

Background



This preview shows how black text looks on a background with the CIELCh color 61, 52.381, 141.788.

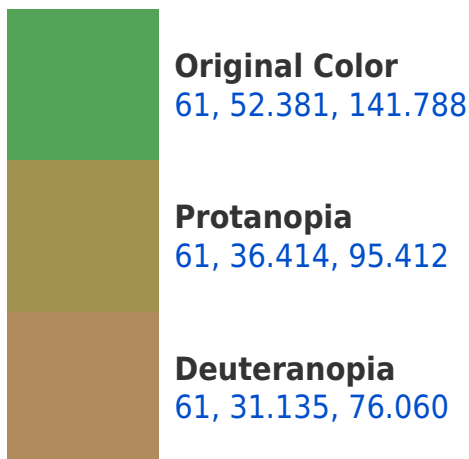


This preview shows how white text looks on a background with the CIELCh color 61, 52.381, 141.788.

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, 19.007, 220.832

Trichromacy



Original Color
61, 52.381, 141.788



Protanomaly
60, 39.113, 118.653



Deuteranomaly
60, 32.110, 111.946



Tritanomaly
61, 25.105, 171.838

Monochromacy



Original Color
61, 52.381, 141.788



Achromatopsia
55, 0.007, 296.813



Achromatomaly
57, 19.768, 144.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 52.381, 141.788 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(83, 164, 87)` looks like.

```
.text, #text, p{  
    color:rgb(83, 164, 87)  
}
```

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(83, 164, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 164, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 52.381, 141.788 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(83, 164, 87) }
```

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

```
.border{ border-color:rgb(83, 164, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 164, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 164, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 164, 87);  
box-shadow:4px 4px 4px 4px rgb(83, 164,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 52.381, 141.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 164, 87) }
```

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

```
.background{ background-color: rgb(83, 164,  
87) }
```

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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