

Converting Colors

CIELCh(61, 65.147, 141.604)

Have a look what the booklet for
CIELCh(61, 65.147, 141.604)
contains.

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Color

CIELCh(61, 65.330, 141.662)

Conversions

Conversions Part 1

Format	Color
Hex	3AA847
RGB	58, 168, 71
RGB Percent	23%, 66%, 28%
CMY	0.7738, 0.3422, 0.7225
CMYK	0.66, 0.00, 0.58, 0.34
HSL	127°, 49%, 44%
HSV	127°, 66%, 66%
XYZ	16.8090, 29.2481, 10.6795
YIQ	124.0520, -34.4230, -53.4870

Conversions

Conversions Part 2

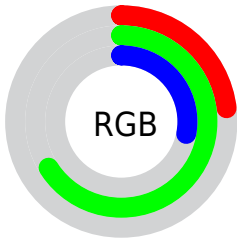
Format	Color
RYB	58, 156, 168
Decimal	3844167
CIELab	61.00, -51.24, 40.52
CIElCh	61, 65.330, 141.662
Yxy	29.2481, 0.2963, 0.5155
Android (android.graphics.Color)	4282034247 (0xFF3AA847)
YUV	124.0520, -26.1546, -57.9276
Hunter-Lab	54.0815, -39.1634, 26.1491

Details

The CIELCh color **61, 65.330, 141.662** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **44, 63.970, 331.665**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 65.285, 141.595**, and **42, 62.332, 138.732** is the 20% darker color. If you saturate the color by 10%, you get **60, 72.856, 140.280**, and if you desaturate by 10%, it is **62, 56.693, 142.965**.

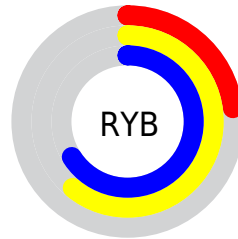
Distribution



Red (23%)

Green (66%)

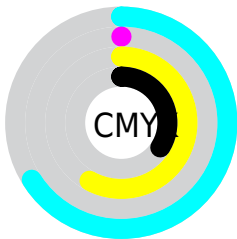
Blue (28%)



Red (23%)

Yellow (61%)

Blue (66%)

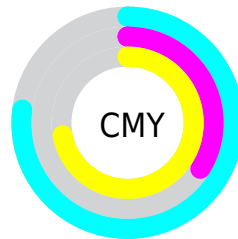


Cyan (66%)

Magenta (0%)

Yellow (58%)

Black (34%)



Cyan (77%)


Magenta (34%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 65.330, 141.662 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, 65.330, 141.662 by changing the saturation by 10% instead.


 61, 65.330,
141.662


 61, 65.330,
141.662


 100, 65.330,
141.662


 51, 65.330,
141.662


 81, 65.330,
141.662

 41, 65.330,
141.662

 91, 65.330,
141.662

 31, 65.330,
141.662

 21, 65.330,
141.662

 11, 65.330,
141.662

 1, 65.330, 141.662

 0, 65.330, 141.662

61, 65.330,
141.662

61, 65.330,
141.662

60, 72.856,
140.280

62, 56.693,
142.965

60, 78.986,
138.899

63, 47.227,
144.145

60, 83.478,
137.645

64, 37.195,
145.185

60, 84.973,
137.238

65, 26.828,
146.089

66, 16.322,
146.870

68, 5.830, 147.563

70, 4.532, 328.034

71, 14.682,
328.563

■ 73, 24.565,
328.992

Harmonies

Complementary

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



61, 65.330, 141.662



44, 63.970, 331.665

Rectangle

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



61, 65.330, 141.662



61, 65.330, 191.662



61, 65.330, 321.662



61, 65.330, 11.662

Sweetspot

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



61, 65.330, 141.662



84, 26.044, 146.512



66, 56.645, 110.047



44, 17.748, 146.299



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, 65.330, 141.662



77, 92.831, 139.603



62, 43.267, 162.760



35, 5.912, 147.313



53, 77.226, 137.369



5, 10.877, 147.343

Inverse Universe

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



44, 63.970, 331.665



53, 88.414, 332.481



42, 48.781, 359.884



33, 5.925, 328.357



34, 70.259, 333.503



2, 10.439, 329.191

Previews

White Background



This preview shows how the CIELCh color 61, 65.330, 141.662 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, 65.330, 141.662 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, 65.330, 141.662

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.330, 141.662.



This preview shows how white text looks on a background with the CIELCh color 61, 65.330, 141.662.

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



Original Color
61, 65.330, 141.662

Protanopia
60, 44.895, 95.692

Deuteranopia
60, 38.434, 77.936



Tritanopia
61, 23.382, 216.018

Trichromacy



Original Color
61, 65.330, 141.662



Protanomaly
60, 48.792, 120.454



Deuteranomaly
59, 40.214, 114.434



Tritanomaly
61, 33.277, 169.234

Monochromacy



Original Color
61, 65.330, 141.662



Achromatopsia
52, 0.007, 296.813



Achromatomaly
55, 25.701, 146.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.330, 141.662 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(58, 168, 71)` looks like.

```
.text, #text, p{  
    color:rgb(58, 168, 71)  
}
```

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(58, 168, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 168, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.330, 141.662 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(58, 168, 71) }
```

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

```
.border{ border-color:rgb(58, 168, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 168, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 168, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 168, 71);  
box-shadow:4px 4px 4px 4px rgb(58, 168,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.330, 141.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 168, 71) }
```

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

```
.background{ background-color: rgb(58, 168,  
71) }
```

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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