

Converting Colors

CIELCh(61, 64.921, 139.882)

Have a look what the booklet for
CIELCh(61, 64.921, 139.882)
contains.

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Color

CIELCh(61, 64.940, 139.919)

Conversions

Conversions Part 1

Format	Color
Hex	41A744
RGB	65, 167, 68
RGB Percent	25%, 65%, 27%
CMY	0.7444, 0.3444, 0.7327
CMYK	0.61, 0.00, 0.59, 0.34
HSL	122°, 44%, 46%
HSV	122°, 61%, 66%
XYZ	17.0899, 29.2481, 10.2380
YIQ	125.2160, -29.0130, -52.4130

Conversions

Conversions Part 2

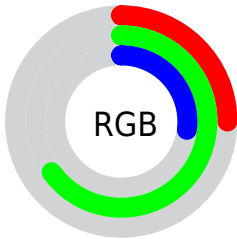
Format	Color
RYB	65, 164, 167
Decimal	4302660
CIELab	61.00, -49.69, 41.81
CIELCh	61, 64.940, 139.919
Yxy	29.2481, 0.3021, 0.5170
Android (android.graphics.Color)	4282492740 (0xFF41A744)
YUV	125.2160, -28.2075, -52.8094
Hunter-Lab	54.0815, -38.2363, 26.6330

Details

The CIELCh color **61, 64.940, 139.919** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **45, 64.127, 328.341**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 65.051, 139.909**, and **41, 63.134, 137.934** is the 20% darker color. If you saturate the color by 10%, you get **60, 73.137, 138.743**, and if you desaturate by 10%, it is **62, 55.522, 141.069**.

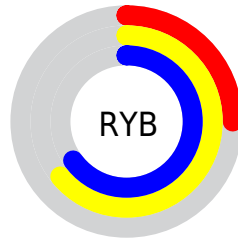
Distribution



Red (25%)

Green (65%)

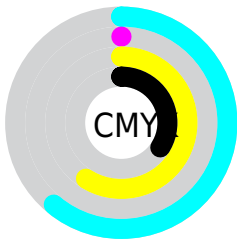
Blue (27%)



Red (25%)

Yellow (64%)

Blue (65%)

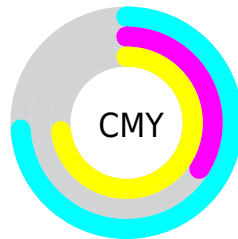


Cyan (61%)

Magenta (0%)

Yellow (59%)

Black (34%)



Cyan (74%)


Magenta (34%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 64.940, 139.919 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, 64.940, 139.919 by changing the saturation by 10% instead.


 61, 64.940,
139.919


 61, 64.940,
139.919


 100, 64.940,
139.919


 51, 64.940,
139.919


 81, 64.940,
139.919

 41, 64.940,
139.919

 91, 64.940,
139.919

 31, 64.940,
139.919

 21, 64.940,
139.919

 11, 64.940,
139.919

 1, 64.940, 139.919

 0, 64.940, 139.919

■ 61, 64.940,
139.919

■ 61, 64.940,
139.919

■ 60, 73.137,
138.743

■ 62, 55.522,
141.069

■ 60, 79.709,
137.645

■ 63, 45.250,
142.127

■ 60, 84.290,
136.761

■ 64, 34.440,
143.068

■ 60, 86.745,
136.282

■ 65, 23.350,
143.886

■ 67, 12.184,
144.594

■ 68, 1.097, 145.382

■ 70, 9.803, 325.652

■ 72, 20.441,
326.095

■ 74, 30.771,
326.465

Harmonies

Complementary

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



61, 64.940, 139.919



45, 64.127, 328.341

Rectangle

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



61, 64.940, 139.919



61, 64.940, 189.919



61, 64.940, 319.919



61, 64.940, 9.919

Sweetspot

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



61, 64.940, 139.919



83, 24.705, 144.086



67, 52.938, 105.444



44, 17.316, 143.876



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, 64.940, 139.919



77, 91.634, 138.364



62, 44.632, 157.744



35, 6.294, 144.707



53, 79.202, 136.324



5, 11.474, 145.116

Inverse Universe

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



45, 64.127, 328.341



55, 89.340, 328.822



43, 47.480, 351.781



33, 6.304, 325.709



35, 75.289, 329.401



2, 11.352, 325.548

Previews

White Background



This preview shows how the CIE LCh color 61, 64.940, 139.919 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, 64.940, 139.919 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, 64.940, 139.919

Background



This preview shows how black text looks on a background with the CIELCh color 61, 64.940, 139.919.



This preview shows how white text looks on a background with the CIELCh color 61, 64.940, 139.919.

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, 64.940, 139.919

Protanopia

61, 45.919, 95.194

Deuteranopia

60, 39.865, 78.738



Tritanopia
61, 22.144, 215.604

Trichromacy



Original Color
61, 64.940, 139.919



Protanomaly
60, 49.340, 118.699



Deuteranomaly
59, 41.506, 112.201



Tritanomaly
61, 32.607, 166.484

Monochromacy



Original Color
61, 64.940, 139.919



Achromatopsia
52, 0.007, 296.813



Achromatomaly
55, 25.460, 143.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 64.940, 139.919 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(65, 167, 68)` looks like.

```
.text, #text, p{  
    color:rgb(65, 167, 68)  
}
```

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(65, 167, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 167, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 64.940, 139.919 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(65, 167, 68) }
```

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

```
.border{ border-color:rgb(65, 167, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 167, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 167, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 167, 68);  
box-shadow:4px 4px 4px 4px rgb(65, 167,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 64.940, 139.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 167, 68) }
```

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

```
.background{ background-color: rgb(65, 167,  
68) }
```

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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