

Converting Colors

CIELCh(61, 67.710, 138.368)

Have a look what the booklet for
CIELCh(61, 67.710, 138.368)
contains.

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Color

CIELCh(61, 67.604, 138.327)

Conversions

Conversions Part 1

Format	Color
Hex	41A73D
RGB	65, 167, 61
RGB Percent	25%, 65%, 24%
CMY	0.7435, 0.3437, 0.7594
CMYK	0.61, 0.00, 0.63, 0.34
HSL	118°, 46%, 45%
HSV	118°, 63%, 66%
XYZ	16.9433, 29.2481, 9.2152
YIQ	124.4180, -26.7660, -54.5900

Conversions

Conversions Part 2

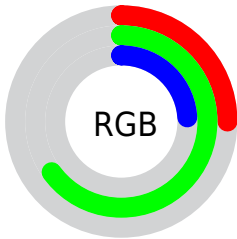
Format	Color
RYB	61, 167, 163
Decimal	4302653
CIELab	61.00, -50.50, 44.95
CIELCh	61, 67.604, 138.327
Yxy	29.2481, 0.3058, 0.5279
Android (android.graphics.Color)	4282492733 (0xFF41A73D)
YUV	124.4180, -31.2651, -52.1096
Hunter-Lab	54.0815, -38.7200, 27.7544

Details

The CIELCh color **61, 67.604, 138.327** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **44, 67.078, 326.324**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 67.313, 138.321**, and **41, 65.722, 136.268** is the 20% darker color. If you saturate the color by 10%, you get **60, 75.500, 137.366**, and if you desaturate by 10%, it is **62, 58.344, 139.339**.

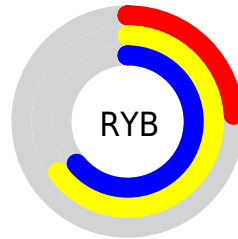
Distribution



Red (25%)

Green (65%)

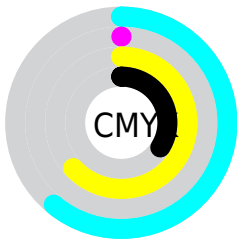
Blue (24%)



Red (24%)

Yellow (65%)

Blue (64%)

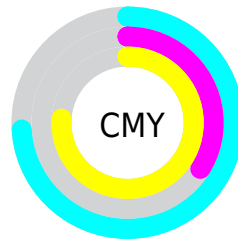


Cyan (61%)

Magenta (0%)

Yellow (63%)

Black (34%)



Cyan (74%)


Magenta (34%)


Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 67.604, 138.327 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, 67.604, 138.327 by changing the saturation by 10% instead.


 61, 67.604,
138.327


 61, 67.604,
138.327


 100, 67.604,
138.327


 51, 67.604,
138.327


 81, 67.604,
138.327

 41, 67.604,
138.327

 91, 67.604,
138.327

 31, 67.604,
138.327

 21, 67.604,
138.327

 11, 67.604,
138.327

 1, 67.604, 138.327

 0, 67.604, 138.327

■ 61, 67.604,
138.327

■ 61, 67.604,
138.327

■ 60, 75.500,
137.366

■ 62, 58.344,
139.339

■ 60, 81.580,
136.580

■ 63, 48.134,
140.313

■ 60, 85.483,
136.098

■ 64, 37.319,
141.202

■ 60, 87.169,
135.837

■ 65, 26.177,
141.989

■ 66, 14.922,
142.674

■ 68, 3.714, 143.300

■ 70, 7.332, 323.706

■ 72, 18.136,
324.144

■ 74, 28.649,
324.504

Harmonies

Complementary

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



61, 67.604, 138.327



44, 67.078, 326.324

Rectangle

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



61, 67.604, 138.327



61, 67.604, 188.327



61, 67.604, 318.327



61, 67.604, 8.327

Sweetspot

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



61, 67.604, 138.328



83, 26.273, 142.275



65, 52.512, 101.956



44, 18.237, 142.080



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, 67.604, 138.328



76, 94.792, 137.021



62, 48.945, 154.049



35, 6.339, 142.928



53, 79.570, 135.808



5, 11.548, 143.562

Inverse Universe

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



44, 67.078, 326.324



53, 93.115, 326.648



43, 50.590, 347.892



33, 6.353, 323.871



34, 77.135, 326.751



2, 11.474, 322.996

Previews

White Background



This preview shows how the CIELCh color 61, 67.604, 138.327 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, 67.604, 138.327 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, 67.604, 138.327

Background



This preview shows how black text looks on a background with the CIELCh color 61, 67.604, 138.327.



This preview shows how white text looks on a background with the CIELCh color 61, 67.604, 138.327.

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, 67.604, 138.327

Protanopia

60, 49.083, 95.409

Deuteranopia

60, 42.926, 79.586



Tritanopia
61, 21.903, 215.826

Trichromacy



Original Color
61, 67.604, 138.327



Protanomaly
60, 52.294, 117.172



Deuteranomaly
59, 44.412, 111.470



Tritanomaly
61, 33.083, 164.689

Monochromacy



Original Color
61, 67.604, 138.327



Achromatopsia
52, 0.007, 296.813



Achromatomaly
55, 26.403, 142.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 67.604, 138.327 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(65, 167, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 167, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 67.604, 138.327 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, 61) }
```

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

```
.border{ border-color:rgb(65, 167, 61) }
```

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, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 167, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 167, 61);  
box-shadow:4px 4px 4px 4px rgb(65, 167,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 67.604, 138.327 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, 61) }
```

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

```
.background{ background-color: rgb(65, 167,  
61) }
```

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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