

Converting Colors

CIELCh(60, 69.922, 138.361)

Have a look what the booklet for
CIELCh(60, 69.922, 138.361)
contains.

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Color

CIELCh(60, 69.911, 138.323)

Conversions

Conversions Part 1

Format	Color
Hex	39A537
RGB	57, 165, 55
RGB Percent	22%, 65%, 22%
CMY	0.7757, 0.3523, 0.7837
CMYK	0.65, 0.00, 0.67, 0.35
HSL	119°, 50%, 43%
HSV	119°, 67%, 65%
XYZ	15.8772, 28.1233, 8.2260
YIQ	120.1680, -29.0580, -57.1060

Conversions

Conversions Part 2

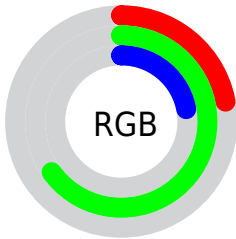
Format	Color
RYB	55, 165, 163
Decimal	3777847
CIELab	60.00, -52.22, 46.49
CIELCh	60, 69.911, 138.323
Yxy	28.1233, 0.3040, 0.5385
Android (android.graphics.Color)	4281967927 (0xFF39A537)
YUV	120.1680, -32.1278, -55.3983
Hunter-Lab	53.0314, -39.3634, 27.9252

Details

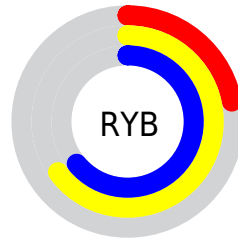
The CIELCh color **60, 69.911, 138.323** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **43, 69.054, 327.045**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 69.867, 138.393**, and **41, 65.300, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **60, 77.157, 137.336**, and if you desaturate by 10%, it is **61, 61.144, 139.388**.

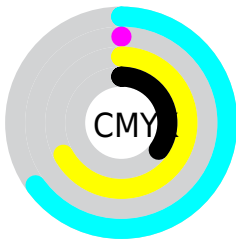
Distribution



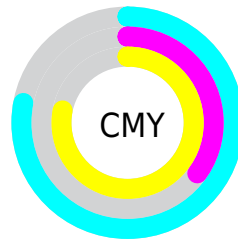
- Red (22%)
- Green (65%)
- Blue (22%)



- Red (22%)
- Yellow (65%)
- Blue (64%)



- Cyan (65%)
- Magenta (0%)
- Yellow (67%)
- Black (35%)





- Cyan (78%)
- Magenta (35%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 69.911, 138.323 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 60, 69.911, 138.323 by changing the saturation by 10% instead.


 60, 69.911,
138.323


 60, 69.911,
138.323


 100, 69.911,
138.323


 50, 69.911,
138.323


 80, 69.911,
138.323


 40, 69.911,
138.323

 90, 69.911,
138.323


 30, 69.911,
138.323

 20, 69.911,
138.323

 10, 69.911,
138.323

 0, 69.911, 138.323

 60, 69.911,

 60, 69.911,

138.323

138.323

■ 60, 77.157,
137.336

■ 61, 61.144,
139.388

■ 59, 82.449,
136.560

■ 62, 51.284,
140.426

■ 59, 85.582,
136.084

■ 63, 40.700,
141.382

■ 59, 86.432,
135.928

■ 64, 29.695,
142.231

■ 65, 18.507,
142.970

■ 67, 7.316, 143.617

■ 68, 3.744, 324.063

■ 70, 14.582,
324.560

■ 72, 25.138,
324.951

Harmonies

Complementary

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



60, 69.911, 138.323



43, 69.054, 327.045

Rectangle

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



60, 69.911, 138.323



60, 69.911, 188.323



60, 69.911, 318.323



60, 69.911, 8.323

Sweetspot

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



60, 69.911, 138.324



82, 27.576, 142.704



65, 54.849, 102.563



43, 18.788, 142.508



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 69.911, 138.324



75, 97.072, 136.924



61, 49.739, 154.322



34, 6.220, 143.451



52, 78.680, 135.914



4, 9.650, 143.998

Inverse Universe

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



43, 69.054, 327.045



52, 94.813, 327.379



41, 51.568, 349.516



32, 6.231, 324.415



34, 76.081, 327.516



2, 9.627, 323.781

Previews

White Background



This preview shows how the CIE LCh color 60, 69.911, 138.323 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 60, 69.911, 138.323 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 60, 69.911, 138.323

Background



This preview shows how black text looks on a background with the CIELCh color 60, 69.911, 138.323.



This preview shows how white text looks on a background with the CIELCh color 60, 69.911, 138.323.

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
60, 69.911, 138.323

Protanopia
60, 50.813, 95.411

Deuteranopia
60, 44.869, 80.290



Tritanopia
60, 22.674, 216.719

Trichromacy



Original Color
60, 69.911, 138.323



Protanomaly
59, 54.294, 117.923



Deuteranomaly
58, 46.447, 112.068



Tritanomaly
59, 34.390, 164.647

Monochromacy



Original Color
60, 69.911, 138.323



Achromatopsia
50, 0.007, 296.813



Achromatomaly
53, 27.942, 141.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 69.911, 138.323 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(57, 165, 55)` looks like.

```
.text, #text, p{  
    color:rgb(57, 165, 55)  
}
```

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(57, 165, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 165, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 69.911, 138.323 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(57, 165, 55) }
```

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

```
.border{ border-color:rgb(57, 165, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 165, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 165, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 165, 55);  
box-shadow:4px 4px 4px 4px rgb(57, 165,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 69.911, 138.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 165, 55) }
```

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

```
.background{ background-color: rgb(57, 165,  
55) }
```

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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