

Converting Colors

CIELCh(62, 73.322, 138.701)

Have a look what the booklet for
CIELCh(62, 73.322, 138.701)
contains.

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Color

CIELCh(62, 73.436, 138.731)

Conversions

Conversions Part 1

Format	Color
Hex	35AC38
RGB	53, 172, 56
RGB Percent	21%, 67%, 22%
CMY	0.7903, 0.3271, 0.7819
CMYK	0.69, 0.00, 0.68, 0.33
HSL	121°, 52%, 44%
HSV	121°, 69%, 67%
XYZ	16.8732, 30.4025, 8.6705
YIQ	123.1950, -33.6880, -61.3040

Conversions

Conversions Part 2

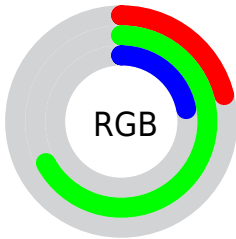
Format	Color
RYB	53, 169, 172
Decimal	3517496
CIELab	62.00, -55.20, 48.44
CIELCh	62, 73.436, 138.731
Yxy	30.4025, 0.3016, 0.5434
Android (android.graphics.Color)	4281707576 (0xFF35AC38)
YUV	123.1950, -33.1271, -61.5610
Hunter-Lab	55.1385, -41.8687, 29.2737

Details

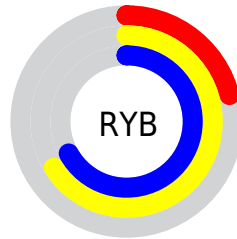
The CIELCh color **62, 73.436, 138.731** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **45, 72.093, 328.284**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 73.390, 138.730**, and **43, 67.775, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **62, 80.479, 137.645**, and if you desaturate by 10%, it is **63, 64.764, 139.889**.

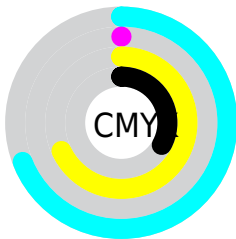
Distribution



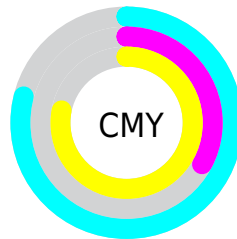
- Red (21%)
- Green (67%)
- Blue (22%)



- Red (21%)
- Yellow (66%)
- Blue (67%)



- Cyan (69%)
- Magenta (0%)
- Yellow (68%)
- Black (33%)





- Cyan (79%)
- Magenta (33%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 73.436, 138.731 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 62, 73.436, 138.731 by changing the saturation by 10% instead.


 62, 73.436,
138.731


 62, 73.436,
138.731


 100, 73.436,
138.731


 52, 73.436,
138.731


 82, 73.436,
138.731

 42, 73.436,
138.731

 92, 73.436,
138.731

 32, 73.436,
138.731

 22, 73.436,
138.731

 12, 73.436,
138.731

 2, 73.436, 138.731

 0, 73.436, 138.731

■ 62, 73.436,
138.731

■ 62, 73.436,
138.731

■ 62, 80.479,
137.645

■ 63, 64.764,
139.889

■ 61, 85.488,
136.765

■ 63, 54.887,
141.013

■ 61, 88.381,
136.225

■ 64, 44.188,
142.044

■ 61, 88.664,
136.177

■ 66, 32.986,
142.957

■ 67, 21.541,
143.749

■ 69, 10.055,
144.436

■ 70, 1.324, 324.810

■ 72, 12.489,
325.455

■ 74, 23.370,
325.876

Harmonies

Complementary

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



62, 73.436, 138.731



45, 72.093, 328.284

Rectangle

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



62, 73.436, 138.731



62, 73.436, 188.731



62, 73.436, 318.731



62, 73.436, 8.731

Sweetspot

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



62, 73.436, 138.732



84, 29.614, 143.559



68, 59.556, 104.911



44, 20.209, 143.351



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 73.436, 138.732



78, 101.215, 137.117



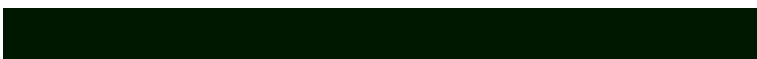
63, 50.297, 156.431



36, 6.500, 144.405



54, 80.433, 136.204



6, 13.717, 144.836

Inverse Universe

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



45, 72.093, 328.284



54, 97.836, 328.708



42, 53.250, 353.400



34, 6.510, 325.409



35, 76.884, 328.951



2, 13.607, 325.157

Previews

White Background



This preview shows how the CIELCh color 62, 73.436, 138.731 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 73.436, 138.731 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 ✓ Pass

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

CIELCh 62, 73.436, 138.731

Background



This preview shows how black text looks on a background with the CIELCh color 62, 73.436, 138.731.



This preview shows how white text looks on a background with the CIELCh color 62, 73.436, 138.731.

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
62, 73.560, 138.850

Protanopia
62, 52.869, 95.713

Deuteranopia
61, 46.051, 79.840



Tritanopia
62, 24.082, 215.368

Trichromacy



Original Color
62, 73.560, 138.850



Protanomaly
61, 56.617, 118.542



Deuteranomaly
60, 48.304, 112.742



Tritanomaly
61, 36.542, 164.776

Monochromacy



Original Color
62, 73.560, 138.850



Achromatopsia
52, 0.007, 296.813



Achromatomaly
55, 30.072, 142.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 73.436, 138.731 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(53, 172, 56)` looks like.

```
.text, #text, p{  
    color:rgb(53, 172, 56)  
}
```

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(53, 172, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 172, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 73.436, 138.731 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(53, 172, 56) }
```

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

```
.border{ border-color:rgb(53, 172, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 172, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 172, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 172, 56);  
box-shadow:4px 4px 4px 4px rgb(53, 172,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 73.436, 138.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 172, 56) }
```

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

```
.background{ background-color: rgb(53, 172,  
56) }
```

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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