

Converting Colors

CIELCh(52, 68.166, 138.610)

Have a look what the booklet for
CIELCh(52, 68.166, 138.610)
contains.

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Color

CIELCh(52, 67.940, 138.731)

Conversions

Conversions Part 1

Format	Color
Hex	1F8F26
RGB	31, 143, 38
RGB Percent	12%, 56%, 15%
CMY	0.8771, 0.4384, 0.8502
CMYK	0.78, 0.00, 0.73, 0.44
HSL	124°, 64%, 34%
HSV	124°, 78%, 56%
XYZ	10.7815, 20.1443, 5.1713
YIQ	97.5420, -33.0470, -56.3990

Conversions

Conversions Part 2

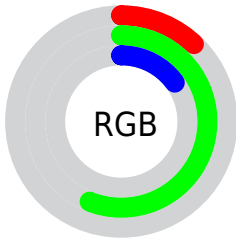
Format	Color
R _Y B	31, 136, 143
Decimal	2068262
CIE Lab	52.00, -51.07, 44.81
CIE LCh	52, 67.940, 138.731
Yxy	20.1443, 0.2987, 0.5581
Android (android.graphics.Color)	4280258342 (0xFF1F8F26)
YUV	97.5420, -29.3542, -58.3573
Hunter-Lab	44.8824, -35.6655, 24.5864

Details

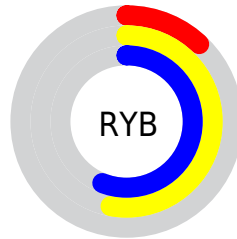
The CIELCh color **52, 67.940, 138.731** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **35, 65.655, 330.068**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 67.831, 138.815**, and **33, 56.439, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **52, 72.897, 137.608**, and if you desaturate by 10%, it is **52, 61.510, 139.957**.

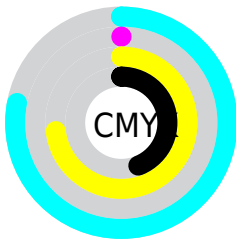
Distribution



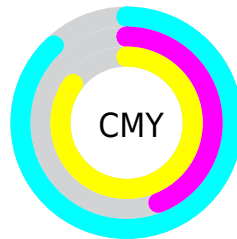
- Red (12%)
- Green (56%)
- Blue (15%)



- Red (12%)
- Yellow (53%)
- Blue (56%)



- Cyan (78%)
- Magenta (0%)
- Yellow (73%)
- Black (44%)





- Cyan (88%)
- Magenta (44%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 67.940, 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 52, 67.940, 138.731 by changing the saturation by 10% instead.


 52, 67.940,
138.731


 52, 67.940,
138.731


 100, 67.940,
138.731


 42, 67.940,
138.731


 72, 67.940,
138.731

 32, 67.940,
138.731

 82, 67.940,
138.731

 22, 67.940,
138.731

 92, 67.940,
138.731

 12, 67.940,
138.731

 2, 67.940, 138.731

 0, 67.940, 138.731

■ 52, 67.940,
138.731

■ 52, 67.940,
138.731

■ 52, 72.897,
137.608

■ 52, 61.510,
139.957

■ 52, 76.209,
136.774

■ 53, 53.910,
141.175

■ 52, 76.681,
136.688

■ 54, 45.441,
142.314

■ 55, 36.376,
143.338

■ 56, 26.948,
144.237

■ 57, 17.350,
145.016

■ 58, 7.736, 145.696

■ 60, 1.781, 326.116

■ 61, 11.119,
326.702

Harmonies

Complementary

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



52, 67.940, 138.731



35, 65.655, 330.068

Rectangle

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



52, 67.940, 138.731



52, 67.940, 188.731



52, 67.940, 318.731



52, 67.940, 8.731

Sweetspot

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



52, 67.940, 138.732



72, 27.301, 144.613



57, 56.454, 106.214



37, 19.045, 144.350



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 67.940, 138.732



66, 91.706, 136.881



53, 46.395, 156.763



29, 5.368, 145.627



49, 73.437, 136.735



2, 3.612, 146.138

Inverse Universe

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



35, 65.655, 330.068



44, 85.994, 330.661



33, 49.608, 357.927



28, 5.378, 326.614



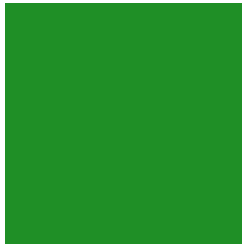
31, 68.792, 330.770



1, 3.612, 326.133

Previews

White Background



This preview shows how the CIELCh color 52, 67.940, 138.731 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 52, 67.940, 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 × Fail

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

CIELCh 52, 67.940, 138.731

Background



This preview shows how black text looks on a background with the CIELCh color 52, 67.940, 138.731.



This preview shows how white text looks on a background with the CIELCh color 52, 67.940, 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


52, 67.940, 138.731

Protanopia

51, 48.454, 95.397

Deuteranopia

52, 42.767, 81.151



Tritanopia
52, 22.268, 212.670

Trichromacy



Original Color
52, 67.940, 138.731



Protanomaly
50, 52.081, 119.554



Deuteranomaly
50, 45.774, 114.840



Tritanomaly
51, 34.410, 164.515

Monochromacy



Original Color
52, 67.940, 138.731



Achromatopsia
42, 0.006, 296.813



Achromatomaly
44, 28.054, 143.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 67.940, 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(31, 143, 38)` looks like.

```
.text, #text, p{  
    color:rgb(31, 143, 38)  
}
```

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(31, 143, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 143, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 67.940, 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(31, 143, 38) }
```

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

```
.border{ border-color:rgb(31, 143, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 143, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 143, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 143, 38);  
box-shadow:4px 4px 4px 4px rgb(31, 143,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 67.940, 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(31, 143, 38) }
```

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

```
.background{ background-color: rgb(31, 143,  
38) }
```

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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