

Converting Colors

CIELCh(52, 74.206, 138.506)

Have a look what the booklet for
CIELCh(52, 74.206, 138.506)
contains.

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Color

CIELCh(52, 73.973, 138.352)

Conversions

Conversions Part 1

Format	Color
Hex	019019
RGB	1, 144, 25
RGB Percent	0%, 56%, 10%
CMY	0.9949, 0.4338, 0.9001
CMYK	0.99, 0.00, 0.82, 0.43
HSL	130°, 98%, 29%
HSV	130°, 99%, 57%
XYZ	10.2286, 20.1443, 4.2951
YIQ	87.6770, -47.0290, -67.3250

Conversions

Conversions Part 2

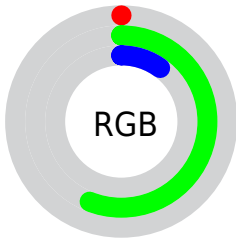
Format	Color
RYB	1, 123, 144
Decimal	102425
CIELab	52.00, -55.28, 49.16
CIELCh	52, 73.973, 138.352
Yxy	20.1443, 0.2950, 0.5811
Android (android.graphics.Color)	4278292505 (0xFF019019)
YUV	87.6770, -30.8998, -76.0157
Hunter-Lab	44.8824, -37.8646, 25.7438

Details

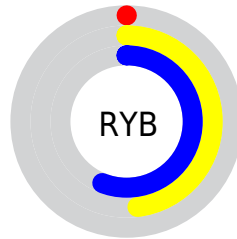
The CIELCh color **52, 73.973, 138.352** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **33, 66.350, 336.065**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **72, 73.841, 138.392**, and **33, 56.868, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **52, 74.289, 138.256**, and if you desaturate by 10%, it is **52, 69.946, 139.716**.

Distribution



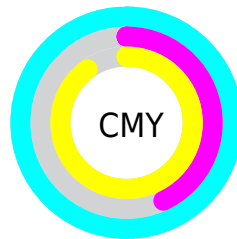
- Red (0%)
- Green (56%)
- Blue (10%)



- Red (0%)
- Yellow (48%)
- Blue (56%)



- Cyan (99%)
- Magenta (0%)
- Yellow (82%)
- Black (43%)





- Cyan (99%)
- Magenta (43%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 73.973, 138.352 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, 73.973, 138.352 by changing the saturation by 10% instead.


 52, 73.973,
138.352


 52, 73.973,
138.352


 100, 73.973,
138.352


 42, 73.973,
138.352


 72, 73.973,
138.352

 32, 73.973,
138.352

 82, 73.973,
138.352

 22, 73.973,
138.352

 92, 73.973,
138.352

 12, 73.973,
138.352

 2, 73.973, 138.352

 0, 73.973, 138.352

■ 52, 73.973,
138.352

■ 52, 73.973,
138.352

■ 52, 74.289,
138.256

■ 52, 69.946,
139.716

■ 52, 64.740,
141.233

■ 53, 58.426,
142.716

■ 53, 51.193,
144.095

■ 54, 43.248,
145.336

■ 55, 34.791,
146.431

■ 56, 26.009,
147.384

■ 57, 17.065,

148.210

■ 59, 8.094, 148.934

Harmonies

Complementary

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



52, 73.973, 138.352



33, 66.350, 336.065

Rectangle

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



52, 73.973, 138.352



52, 73.973, 188.352



52, 73.973, 318.352



52, 73.973, 8.352

Sweetspot

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



52, 73.973, 138.353



72, 33.342, 147.246



56, 64.359, 112.630



37, 22.644, 146.897



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, 73.973, 138.353



67, 91.205, 137.928



53, 47.585, 159.960



30, 4.976, 148.930



49, 70.637, 138.354



2, 3.349, 149.469

Inverse Universe

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



33, 66.350, 336.065



43, 80.767, 336.336



30, 56.030, 16.422



28, 4.990, 329.976



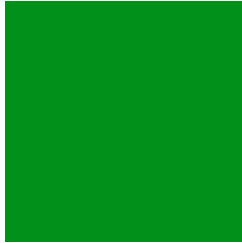
30, 63.410, 336.080



1, 3.350, 329.463

Previews

White Background



This preview shows how the CIELCh color 52, 73.973, 138.352 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 CIE LCh color 52, 73.973, 138.352 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, 73.973, 138.352

Background



This preview shows how black text looks on a background with the CIELCh color 52, 73.973, 138.352.



This preview shows how white text looks on a background with the CIELCh color 52, 73.973, 138.352.

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, 73.930, 138.313

Protanopia
52, 53.135, 95.560

Deuteranopia
52, 46.687, 81.320



Tritanopia
52, 23.353, 213.370

Trichromacy



Original Color
52, 73.930, 138.313



Protanomaly
50, 58.181, 122.198



Deuteranomaly
49, 50.529, 118.610



Tritanomaly
51, 38.873, 163.192

Monochromacy



Original Color
52, 73.930, 138.313



Achromatopsia
37, 0.005, 296.813



Achromatomaly
41, 34.064, 145.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 73.973, 138.352 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(1, 144, 25)` looks like.

```
.text, #text, p{  
    color:rgb(1, 144, 25)  
}
```

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(1, 144, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 144, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 73.973, 138.352 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(1, 144, 25) }
```

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

```
.border{ border-color:rgb(1, 144, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 144, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 144, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 144, 25);  
box-shadow:4px 4px 4px 4px rgb(1, 144, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 52, 73.973, 138.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 144, 25) }
```

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

```
.background{ background-color: rgb(1, 144,  
25) }
```

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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