

Converting Colors

CIELCh(52, 66.275, 142.587)

Have a look what the booklet for
CIELCh(52, 66.275, 142.587)
contains.

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Color

CIELCh(52, 66.264, 142.614)

Conversions

Conversions Part 1

Format	Color
Hex	069031
RGB	6, 144, 49
RGB Percent	2%, 56%, 19%
CMY	0.9752, 0.4361, 0.8086
CMYK	0.96, 0.00, 0.66, 0.44
HSL	139°, 92%, 29%
HSV	139°, 96%, 56%
XYZ	10.5710, 20.1443, 6.2153
YIQ	91.9080, -51.7530, -58.8010

Conversions

Conversions Part 2

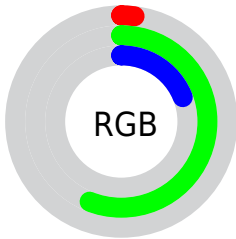
Format	Color
R _Y B	6, 111, 144
Decimal	430129
CIE Lab	52.00, -52.65, 40.23
CIE LCh	52, 66.264, 142.614
Yxy	20.1443, 0.2862, 0.5455
Android (android.graphics.Color)	4278620209 (0xFF069031)
YUV	91.9080, -21.1536, -75.3413
Hunter-Lab	44.8824, -36.5028, 23.2072

Details

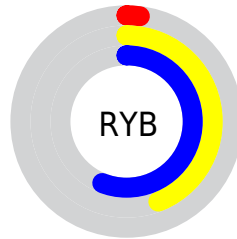
The CIELCh color **52, 66.264, 142.614** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **32, 59.631, 344.338**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 66.453, 142.623**, and **33, 56.868, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **52, 68.088, 141.860**, and if you desaturate by 10%, it is **52, 61.722, 144.499**.

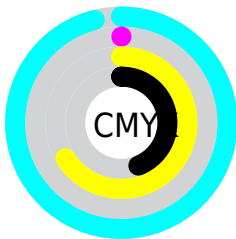
Distribution



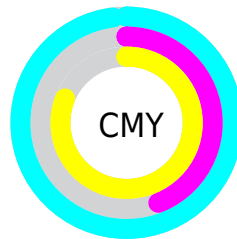
- Red (2%)
- Green (56%)
- Blue (19%)



- Red (2%)
- Yellow (44%)
- Blue (56%)



- Cyan (96%)
- Magenta (0%)
- Yellow (66%)
- Black (44%)





- Cyan (98%)
- Magenta (44%)
- Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 66.264, 142.614 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, 66.264, 142.614 by changing the saturation by 10% instead.


 52, 66.264,
142.614


 52, 66.264,
142.614


 100, 66.264,
142.614


 42, 66.264,
142.614


 72, 66.264,
142.614

 32, 66.264,
142.614

 82, 66.264,
142.614

 22, 66.264,
142.614

 92, 66.264,
142.614

 12, 66.264,
142.614

 2, 66.264, 142.614

 0, 66.264, 142.614

■ 52, 66.264,
142.614

■ 52, 66.264,
142.614

■ 52, 68.088,
141.860

■ 52, 61.722,
144.499

■ 53, 56.367,
146.284

■ 53, 50.247,
147.908

■ 54, 43.468,
149.354

■ 54, 36.165,
150.626

■ 55, 28.482,
151.737

■ 56, 20.559,
152.708

■ 58, 12.522,

153.561

■ 59, 4.478, 154.340

Harmonies

Complementary

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



52, 66.264, 142.614



32, 59.631, 344.338

Rectangle

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



52, 66.264, 142.614



52, 66.264, 192.614



52, 66.264, 322.614



52, 66.264, 12.614

Sweetspot

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



52, 66.264, 142.614



71, 28.712, 152.337



55, 65.355, 119.291



37, 19.826, 151.959



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, 66.264, 142.614



66, 83.196, 141.414



53, 39.622, 171.971



30, 4.492, 154.063



49, 64.902, 141.985



2, 3.027, 154.661

Inverse Universe

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



32, 59.631, 344.338



41, 72.445, 345.573



30, 58.059, 26.227



28, 4.515, 335.232



29, 57.545, 344.980



1, 3.027, 334.653

Previews

White Background



This preview shows how the CIELCh color 52, 66.264, 142.614 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, 66.264, 142.614 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, 66.264, 142.614

Background



This preview shows how black text looks on a background with the CIELCh color 52, 66.264, 142.614.



This preview shows how white text looks on a background with the CIELCh color 52, 66.264, 142.614.

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, 66.308, 142.654

Protanopia

52, 44.669, 95.876

Deuteranopia

51, 38.331, 79.878



Tritanopia
52, 23.749, 213.062

Trichromacy



Original Color

52, 66.308, 142.654



Protanomaly

50, 50.002, 125.535



Deuteranomaly

50, 42.386, 122.197



Tritanomaly

52, 35.886, 168.915

Monochromacy



Original Color

52, 66.308, 142.654



Achromatopsia

39, 0.006, 296.813



Achromatomaly

43, 29.147, 150.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 66.264, 142.614 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(6, 144, 49)` looks like.

```
.text, #text, p{  
    color:rgb(6, 144, 49)  
}
```

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(6, 144, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 144, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 66.264, 142.614 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(6, 144, 49) }
```

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

```
.border{ border-color:rgb(6, 144, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 144, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 144, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 144, 49);  
box-shadow:4px 4px 4px 4px rgb(6, 144, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 52, 66.264, 142.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 144, 49) }
```

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

```
.background{ background-color: rgb(6, 144,  
49) }
```

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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