

Converting Colors

CIELCh(52, 55.178, 151.474)

Have a look what the booklet for
CIELCh(52, 55.178, 151.474)
contains.

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Color

CIELCh(52, 55.427, 151.297)

Conversions

Conversions Part 1

Format	Color
Hex	008F4C
RGB	0, 143, 76
RGB Percent	0%, 56%, 30%
CMY	1.0000, 0.4395, 0.7022
CMYK	1.00, 0.00, 0.47, 0.44
HSL	152°, 100%, 28%
HSV	152°, 100%, 56%
XYZ	11.1121, 20.1443, 10.1289
YIQ	92.6050, -63.7210, -51.1530

Conversions

Conversions Part 2

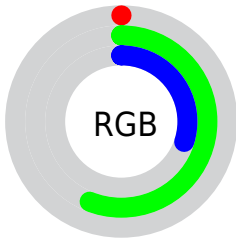
Format	Color
RYB	0, 93, 143
Decimal	36684
CIELab	52.00, -48.62, 26.62
CIELCh	52, 55.427, 151.297
Yxy	20.1443, 0.2685, 0.4867
Android (android.graphics.Color)	4278226764 (0xFF008F4C)
YUV	92.6050, -8.1863, -81.2146
Hunter-Lab	44.8824, -34.3507, 18.0373

Details

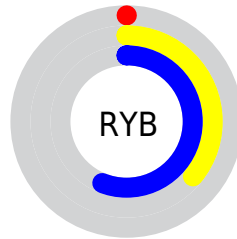
The CIELCh color **52, 55.427, 151.297** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30, 54.930, 3.963**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 55.496, 151.382**, and **33, 47.163, 143.693** is the 20% darker color. If you saturate the color by 10%, you get **52, 55.418, 151.289**, and if you desaturate by 10%, it is **52, 51.932, 153.369**.

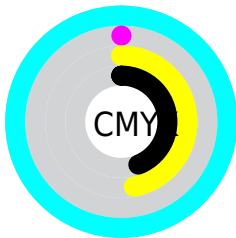
Distribution



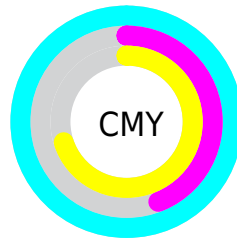
- Red (0%)
- Green (56%)
- Blue (30%)



- Red (0%)
- Yellow (36%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (44%)





- Cyan (100%)
- Magenta (44%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 55.427, 151.297 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, 55.427, 151.297 by changing the saturation by 10% instead.


 52, 55.427,
151.297


 52, 55.427,
151.297


 100, 55.427,
151.297


 42, 55.427,
151.297


 72, 55.427,
151.297

 32, 55.427,
151.297

 82, 55.427,
151.297

 22, 55.427,
151.297

 92, 55.427,
151.297

 12, 55.427,
151.297

 2, 55.427, 151.297

 0, 55.427, 151.297

■ 52, 55.427,
151.297

■ 52, 55.427,
151.297

■ 52, 55.418,
151.289

■ 52, 51.932,
153.369

■ 53, 47.994,
155.380

■ 53, 43.440,
157.190

■ 53, 38.296,
158.802

■ 54, 32.630,
160.232

■ 55, 26.538,
161.501

■ 56, 20.127,
162.633

■ 57, 13.504,

163.652

■ 58, 6.765, 164.588

Harmonies

Complementary

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



52, 55.427, 151.297



30, 54.930, 3.963

Rectangle

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



52, 55.427, 151.297



52, 55.427, 201.297



52, 55.427, 331.297



52, 55.427, 21.297

Sweetspot

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



52, 55.418, 151.289



71, 24.954, 162.564



53, 71.032, 128.248



37, 17.095, 162.148



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, 55.418, 151.289



67, 68.032, 150.759



53, 31.823, 198.958



30, 3.817, 164.664



49, 53.071, 151.419



2, 2.583, 165.379

Inverse Universe

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



30, 54.930, 3.963



40, 66.673, 5.026



29, 66.913, 39.444



28, 3.870, 346.085



28, 52.753, 3.708



1, 2.583, 345.368

Previews

White Background



This preview shows how the CIELCh color 52, 55.427, 151.297 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, 55.427, 151.297 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, 55.427, 151.297

Background



This preview shows how black text looks on a background with the CIELCh color 52, 55.427, 151.297.



This preview shows how white text looks on a background with the CIELCh color 52, 55.427, 151.297.

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, 55.427, 151.297

Protanopia

52, 31.301, 95.126

Deuteranopia

52, 25.166, 74.500



Tritanopia
52, 24.719, 212.333

Trichromacy



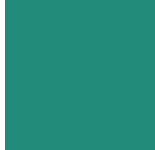
Original Color
52, 55.427, 151.297



Protanomaly
50, 37.670, 134.774



Deuteranomaly
50, 30.439, 134.059



Tritanomaly
52, 32.985, 178.646

Monochromacy



Original Color
52, 55.427, 151.297



Achromatopsia
39, 0.006, 296.813



Achromatomaly
43, 24.891, 161.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 55.427, 151.297 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(0, 143, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 76)  
}
```

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(0, 143, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 55.427, 151.297 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(0, 143, 76) }
```

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

```
.border{ border-color:rgb(0, 143, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 143, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 143, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 52, 55.427, 151.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 76) }
```

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

```
.background{ background-color: rgb(0, 143,  
76) }
```

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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