

Converting Colors

CIELCh(53, 51.258, 155.656)

Have a look what the booklet for
CIELCh(53, 51.258, 155.656)
contains.

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Color

CIELCh(53, 51.319, 155.545)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 059158 |
| RGB | 5, 145, 88 |
| RGB Percent | 2%, 57%, 35% |
| CMY | 0.9819, 0.4306, 0.6542 |
| CMYK | 0.97, 0.00, 0.39, 0.43 |
| HSL | 156°, 94%, 29% |
| HSV | 156°, 97%, 57% |
| XYZ | 11.9808, 21.0462, 12.7007 |
| YIQ | 96.6420, -65.1430, -47.4070 |

Conversions

Conversions Part 2

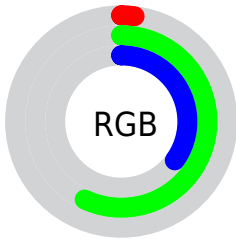
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 5, 93, 145 |
| Decimal | 364888 |
| CIELab | 53.00, -46.72, 21.24 |
| CIELCh | 53, 51.319, 155.545 |
| Yxy | 21.0462, 0.2620, 0.4603 |
| Android (android.graphics.Color) | 4278554968 (0xFF059158) |
| YUV | 96.6420, -4.2605, -80.3700 |
| Hunter-Lab | 45.8761, -33.6670, 15.6990 |

Details

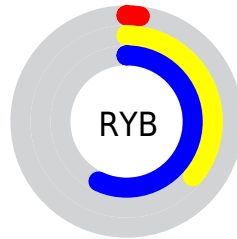
The CIELCh color **53, 51.319, 155.545** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **31, 54.871, 8.684**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 51.495, 155.361**, and **34, 43.154, 148.516** is the 20% darker color. If you saturate the color by 10%, you get **53, 52.310, 154.904**, and if you desaturate by 10%, it is **53, 48.102, 157.645**.

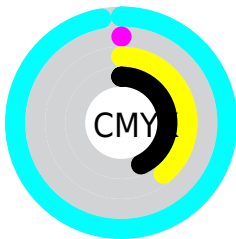
Distribution



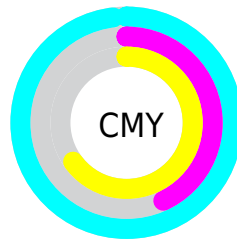
- Red (2%)
- Green (57%)
- Blue (35%)



- Red (2%)
- Yellow (36%)
- Blue (57%)



- Cyan (97%)
- Magenta (0%)
- Yellow (39%)
- Black (43%)





- Cyan (98%)
- Magenta (43%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 51.319, 155.545 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 53, 51.319, 155.545 by changing the saturation by 10% instead.


 53, 51.319,
155.545


 53, 51.319,
155.545


 100, 51.319,
155.545


 43, 51.319,
155.545


 73, 51.319,
155.545

 33, 51.319,
155.545


 83, 51.319,
155.545

 23, 51.319,
155.545

 93, 51.319,
155.545

 13, 51.319,
155.545

 3, 51.319, 155.545

 0, 51.319, 155.545

■ 53, 51.319,
155.545

■ 53, 51.319,
155.545

■ 53, 52.310,
154.904

■ 53, 48.102,
157.645

■ 54, 44.333,
159.581

■ 54, 39.950,
161.316

■ 55, 34.985,
162.863

■ 55, 29.509,
164.241

■ 56, 23.617,
165.475

■ 57, 17.415,
166.587

■ 58, 11.003,

167.601

■ 59, 4.474, 168.564

Harmonies

Complementary

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



53, 51.319, 155.545



31, 54.871, 8.684

Rectangle

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



53, 51.319, 155.545



53, 51.319, 205.545



53, 51.319, 335.545



53, 51.319, 25.545

Sweetspot

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



53, 51.319, 155.545



72, 23.251, 166.288



53, 72.254, 130.039



37, 15.830, 165.866



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 51.319, 155.545



68, 64.074, 154.388



51, 29.649, 210.211



30, 3.653, 168.336



49, 49.504, 155.068



2, 2.477, 169.078

Inverse Universe

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



31, 54.871, 8.684



40, 67.575, 11.210



30, 65.244, 39.931



28, 3.718, 349.818



28, 52.760, 9.666



1, 2.477, 349.067

Previews

White Background



This preview shows how the CIELCh color 53, 51.319, 155.545 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 53, 51.319, 155.545 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 53, 51.319, 155.545

Background



This preview shows how black text looks on a background with the CIELCh color 53, 51.319, 155.545.



This preview shows how white text looks on a background with the CIELCh color 53, 51.319, 155.545.

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

53, 51.271, 155.508

Protanopia

53, 26.698, 96.098

Deuteranopia

53, 19.837, 70.994



Tritanopia
53, 25.533, 211.741

Trichromacy



Original Color
53, 51.271, 155.508



Protanomaly
51, 33.920, 138.927



Deuteranomaly
51, 26.083, 139.907



Tritanomaly
53, 32.561, 181.759

Monochromacy



Original Color
53, 51.271, 155.508



Achromatopsia
41, 0.006, 296.813



Achromatomaly
44, 23.629, 164.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 51.319, 155.545 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(5, 145, 88)` looks like.

```
.text, #text, p{  
    color:rgb(5, 145, 88)  
}
```

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(5, 145, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 145, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 51.319, 155.545 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(5, 145, 88) }
```

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

```
.border{ border-color:rgb(5, 145, 88) }
```

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

Here you see how a box with a 4 pixel rgb(5, 145, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 145, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 145, 88);  
box-shadow:4px 4px 4px 4px rgb(5, 145, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 53, 51.319, 155.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 145, 88) }
```

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

```
.background{ background-color: rgb(5, 145,  
88) }
```

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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