

Converting Colors

CIELCh(53, 49.348, 157.832)

Have a look what the booklet for
CIELCh(53, 49.348, 157.832)
contains.

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Color

CIELCh(53, 49.317, 157.873)

Conversions

Conversions Part 1

Format	Color
Hex	03915D
RGB	3, 145, 93
RGB Percent	1%, 57%, 36%
CMY	0.9887, 0.4315, 0.6354
CMYK	0.98, 0.00, 0.36, 0.43
HSL	158°, 96%, 29%
HSV	158°, 98%, 57%
XYZ	12.1291, 21.0462, 13.7701
YIQ	96.6140, -67.9400, -46.2760

Conversions

Conversions Part 2

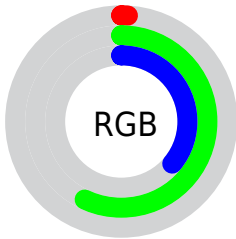
Format	Color
RYB	3, 90, 145
Decimal	233821
CIELab	53.00, -45.68, 18.58
CIELCh	53, 49.317, 157.873
Yxy	21.0462, 0.2584, 0.4483
Android (android.graphics.Color)	4278423901 (0xFF03915D)
YUV	96.6140, -1.7817, -82.0995
Hunter-Lab	45.8761, -33.0900, 14.3169

Details

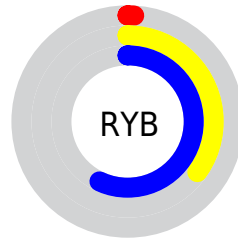
The CIELCh color **53, 49.317, 157.873** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30, 55.395, 12.909**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 49.180, 157.981**, and **34, 41.383, 150.570** is the 20% darker color. If you saturate the color by 10%, you get **53, 49.886, 157.479**, and if you desaturate by 10%, it is **53, 46.402, 159.944**.

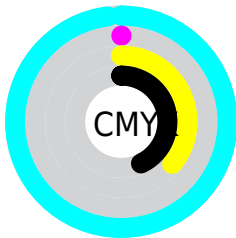
Distribution



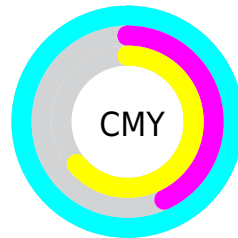
- Red (1%)
- Green (57%)
- Blue (36%)



- Red (1%)
- Yellow (35%)
- Blue (57%)



- Cyan (98%)
- Magenta (0%)
- Yellow (36%)
- Black (43%)




- Cyan (99%)
- Magenta (43%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 49.317, 157.873 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, 49.317, 157.873 by changing the saturation by 10% instead.

 53, 49.317,
157.873


 53, 49.317,
157.873


 100, 49.317,
157.873


 43, 49.317,
157.873


 73, 49.317,
157.873


 33, 49.317,
157.873


 83, 49.317,
157.873

 23, 49.317,
157.873

 93, 49.317,
157.873

 13, 49.317,
157.873

 3, 49.317, 157.873

 0, 49.317, 157.873

■ 53, 49.317,
157.873

■ 53, 49.317,
157.873

■ 53, 49.886,
157.479

■ 53, 46.402,
159.944

■ 54, 42.977,
161.875

■ 54, 38.938,
163.609

■ 54, 34.309,
165.157

■ 55, 29.150,
166.541

■ 56, 23.552,
167.785

■ 57, 17.614,
168.912

■ 58, 11.437,

169.944

■ 59, 5.113, 170.921

Harmonies

Complementary

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



53, 49.317, 157.873



30, 55.395, 12.909

Rectangle

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



53, 49.317, 157.873



53, 49.317, 207.873



53, 49.317, 337.873



53, 49.317, 27.873

Sweetspot

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



53, 49.317, 157.873



72, 22.567, 168.739



53, 73.602, 131.397



37, 15.353, 168.316



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, 49.317, 157.873



68, 61.143, 156.965



48, 28.675, 220.131



30, 3.558, 170.808



50, 47.277, 157.637



2, 2.416, 171.562

Inverse Universe

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



30, 55.395, 12.909



40, 68.183, 15.041



31, 64.835, 41.360



28, 3.632, 352.318



28, 53.109, 13.413



1, 2.416, 351.550

Previews

White Background



This preview shows how the CIELCh color 53, 49.317, 157.873 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, 49.317, 157.873 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, 49.317, 157.873

Background



This preview shows how black text looks on a background with the CIELCh color 53, 49.317, 157.873.



This preview shows how white text looks on a background with the CIELCh color 53, 49.317, 157.873.

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, 49.317, 157.873

Protanopia
53, 23.868, 96.388

Deuteranopia
53, 17.671, 68.170



Tritanopia
53, 25.875, 211.515

Trichromacy



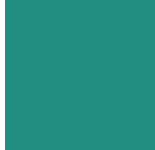
Original Color
53, 49.317, 157.873



Protanomaly
51, 31.766, 142.110



Deuteranomaly
51, 24.383, 143.450



Tritanomaly
53, 32.167, 183.748

Monochromacy



Original Color
53, 49.317, 157.873



Achromatopsia
41, 0.006, 296.813



Achromatomaly
44, 22.281, 167.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 49.317, 157.873 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(3, 145, 93)` looks like.

```
.text, #text, p{  
    color:rgb(3, 145, 93)  
}
```

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(3, 145, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 145, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 49.317, 157.873 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(3, 145, 93) }
```

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

```
.border{ border-color:rgb(3, 145, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 145, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 145, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 145, 93);  
box-shadow:4px 4px 4px 4px rgb(3, 145, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 53, 49.317, 157.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 145, 93) }
```

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

```
.background{ background-color: rgb(3, 145,  
93) }
```

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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