

Converting Colors

CIELCh(53, 61.241, 147.017)

Have a look what the booklet for
CIELCh(53, 61.241, 147.017)
contains.

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Color

CIELCh(53, 60.909, 147.205)

Conversions

Conversions Part 1

Format	Color
Hex	049242
RGB	4, 146, 66
RGB Percent	2%, 57%, 26%
CMY	0.9854, 0.4266, 0.7404
CMYK	0.97, 0.00, 0.55, 0.43
HSL	146°, 95%, 29%
HSV	146°, 97%, 57%
XYZ	11.3491, 21.0462, 8.6494
YIQ	94.4220, -58.9520, -54.9840

Conversions

Conversions Part 2

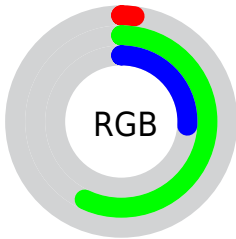
Format	Color
RYB	4, 103, 146
Decimal	299586
CIELab	53.00, -51.20, 32.99
CIELCh	53, 60.909, 147.205
Yxy	21.0462, 0.2765, 0.5128
Android (android.graphics.Color)	4278489666 (0xFF049242)
YUV	94.4220, -14.0120, -79.3001
Hunter-Lab	45.8761, -36.1249, 20.9348

Details

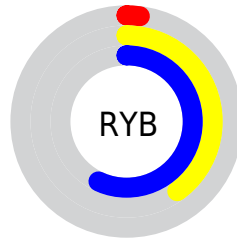
The CIELCh color **53, 60.909, 147.205** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **31, 56.700, 354.824**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 60.679, 147.169**, and **34, 53.027, 139.562** is the 20% darker color. If you saturate the color by 10%, you get **53, 61.911, 146.711**, and if you desaturate by 10%, it is **53, 56.821, 149.273**.

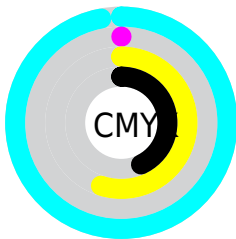
Distribution



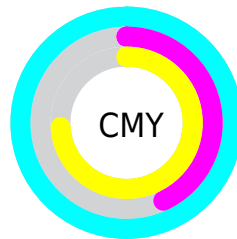
- Red (2%)
- Green (57%)
- Blue (26%)



- Red (2%)
- Yellow (40%)
- Blue (57%)



- Cyan (97%)
- Magenta (0%)
- Yellow (55%)
- Black (43%)





- Cyan (99%)
- Magenta (43%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 60.909, 147.205 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, 60.909, 147.205 by changing the saturation by 10% instead.


 53, 60.909,
147.205


 53, 60.909,
147.205


 100, 60.909,
147.205


 43, 60.909,
147.205


 73, 60.909,
147.205

 33, 60.909,
147.205

 83, 60.909,
147.205

 23, 60.909,
147.205

 93, 60.909,
147.205

 13, 60.909,
147.205

 3, 60.909, 147.205

 0, 60.909, 147.205

■ 53, 60.909,
147.205

■ 53, 60.909,
147.205

■ 53, 61.911,
146.711

■ 53, 56.821,
149.273

■ 54, 52.116,
151.215

■ 54, 46.745,
152.963

■ 55, 40.765,
154.513

■ 55, 34.270,
155.880

■ 56, 27.378,
157.084

■ 57, 20.210,
158.148

■ 58, 12.880,

159.095

■ 60, 5.491, 159.964

Harmonies

Complementary

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



53, 60.909, 147.205



31, 56.700, 354.824

Rectangle

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



53, 60.909, 147.205



53, 60.909, 197.205



53, 60.909, 327.205



53, 60.909, 17.205

Sweetspot

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



53, 60.909, 147.205



73, 26.543, 157.929



55, 69.518, 125.163



38, 18.310, 157.519



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 60.909, 147.205



68, 76.306, 146.200



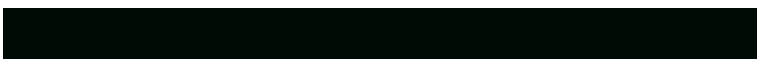
55, 34.813, 187.052



31, 4.203, 159.813



50, 59.093, 146.845



2, 3.675, 160.483

Inverse Universe

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



31, 56.700, 354.824



41, 69.306, 356.383



30, 64.860, 35.881



29, 4.243, 341.136



29, 54.640, 355.362



1, 3.676, 340.474

Previews

White Background



This preview shows how the CIELCh color 53, 60.909, 147.205 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 53, 60.909, 147.205 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, 60.909, 147.205

Background



This preview shows how black text looks on a background with the CIELCh color 53, 60.909, 147.205.



This preview shows how white text looks on a background with the CIELCh color 53, 60.909, 147.205.

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, 60.864, 147.166

Protanopia
53, 37.418, 96.117

Deuteranopia
53, 31.319, 77.402



Tritanopia
53, 24.628, 213.815

Trichromacy



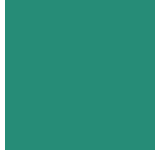
Original Color
53, 60.864, 147.166



Protanomaly
51, 43.675, 130.263



Deuteranomaly
51, 35.948, 127.924



Tritanomaly
52, 34.023, 175.058

Monochromacy



Original Color
53, 60.864, 147.166



Achromatopsia
40, 0.006, 296.813



Achromatomaly
43, 26.916, 156.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 60.909, 147.205 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(4, 146, 66)` looks like.

```
.text, #text, p{  
    color:rgb(4, 146, 66)  
}
```

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(4, 146, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 146, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 60.909, 147.205 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(4, 146, 66) }
```

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

```
.border{ border-color:rgb(4, 146, 66) }
```

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

Here you see how a box with a 4 pixel rgb(4, 146, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 146, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 146, 66);  
box-shadow:4px 4px 4px 4px rgb(4, 146, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 53, 60.909, 147.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 146, 66) }
```

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

```
.background{ background-color: rgb(4, 146,  
66) }
```

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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