

Converting Colors

CIELCh(56, 54.730, 154.530)

Have a look what the booklet for
CIELCh(56, 54.730, 154.530)
contains.

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Color

CIELCh(56, 54.786, 154.431)

Conversions

Conversions Part 1

Format	Color
Hex	049A5B
RGB	4, 154, 91
RGB Percent	2%, 60%, 36%
CMY	0.9836, 0.3959, 0.6429
CMYK	0.97, 0.00, 0.41, 0.40
HSL	155°, 95%, 31%
HSV	155°, 97%, 60%
XYZ	13.5074, 23.9124, 13.8124
YIQ	101.9680, -69.1770, -51.3930

Conversions

Conversions Part 2

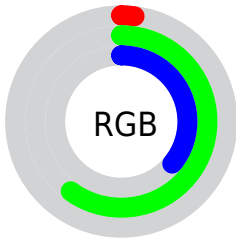
Format	Color
RYB	4, 99, 154
Decimal	301659
CIELab	56.00, -49.42, 23.65
CIElCh	56, 54.786, 154.431
Yxy	23.9124, 0.2637, 0.4667
Android (android.graphics.Color)	4278491739 (0xFF049A5B)
YUV	101.9680, -5.4072, -85.9179
Hunter-Lab	48.9003, -36.2698, 17.4831

Details

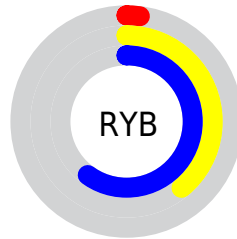
The CIELCh color **56, 54.786, 154.431** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **33, 57.413, 7.750**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 54.901, 154.378**, and **37, 46.658, 147.540** is the 20% darker color. If you saturate the color by 10%, you get **56, 55.687, 153.874**, and if you desaturate by 10%, it is **56, 51.364, 156.563**.

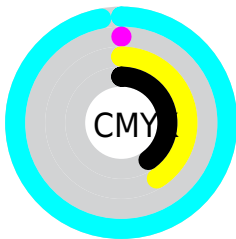
Distribution



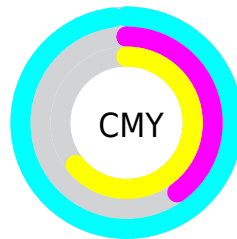
- Red (2%)
- Green (60%)
- Blue (36%)



- Red (2%)
- Yellow (39%)
- Blue (60%)



- Cyan (97%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)





- Cyan (98%)
- Magenta (40%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 54.786, 154.431 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 56, 54.786, 154.431 by changing the saturation by 10% instead.


 56, 54.786,
154.431


 56, 54.786,
154.431


 100, 54.786,
154.431


 46, 54.786,
154.431


 76, 54.786,
154.431

 36, 54.786,
154.431

 86, 54.786,
154.431

 26, 54.786,
154.431

 96, 54.786,
154.431

 16, 54.786,
154.431

 6, 54.786, 154.431

 0, 54.786, 154.431

■ 56, 54.786,
154.431

■ 56, 54.786,
154.431

■ 56, 55.687,
153.874

■ 56, 51.364,
156.563

■ 57, 47.362,
158.534

■ 57, 42.710,
160.301

■ 58, 37.441,
161.874

■ 58, 31.629,
163.273

■ 59, 25.376,
164.522

■ 60, 18.793,
165.644

■ 61, 11.989,

166.664

■ 63, 5.065, 167.624

Harmonies

Complementary

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



56, 54.786, 154.431



33, 57.413, 7.750

Rectangle

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



56, 54.786, 154.431



56, 54.786, 204.431



56, 54.786, 334.431



56, 54.786, 24.431

Sweetspot

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



56, 54.786, 154.431



77, 24.797, 165.396



56, 75.353, 129.666



40, 17.071, 164.952



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



56, 54.786, 154.431



72, 68.575, 153.374



54, 31.498, 207.298



32, 3.908, 167.437



51, 51.795, 154.081



3, 4.266, 167.605

Inverse Universe

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



33, 57.413, 7.750



43, 70.834, 10.019



32, 68.991, 39.859



30, 3.974, 348.926



29, 54.140, 8.453



1, 4.220, 348.597

Previews

White Background



This preview shows how the CIELCh color 56, 54.786, 154.431 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 56, 54.786, 154.431 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 56, 54.786, 154.431

Background



This preview shows how black text looks on a background with the CIELCh color 56, 54.786, 154.431.



This preview shows how white text looks on a background with the CIELCh color 56, 54.786, 154.431.

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
56, 54.786, 154.431

Protanopia
56, 28.812, 95.020

Deuteranopia
56, 22.337, 71.543



Tritanopia
56, 26.699, 212.229

Trichromacy



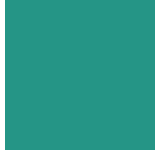
Original Color
56, 54.786, 154.431



Protanomaly
54, 36.591, 138.162



Deuteranomaly
54, 27.997, 138.171



Tritanomaly
56, 34.040, 181.530

Monochromacy



Original Color
56, 54.786, 154.431



Achromatopsia
43, 0.006, 296.813



Achromatomaly
47, 25.041, 163.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 54.786, 154.431 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, 154, 91)` looks like.

```
.text, #text, p{  
    color:rgb(4, 154, 91)  
}
```

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, 154, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 154, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 54.786, 154.431 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, 154, 91) }
```

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

```
.border{ border-color:rgb(4, 154, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 154, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 154, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 154, 91);  
box-shadow:4px 4px 4px 4px rgb(4, 154, 91)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 56, 54.786, 154.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 154, 91) }
```

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

```
.background{ background-color: rgb(4, 154,  
91) }
```

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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