

Converting Colors

CIELCh(53, 44.408, 163.536)

Have a look what the booklet for
CIELCh(53, 44.408, 163.536)
contains.

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Color

CIELCh(53, 44.167, 163.865)

Conversions

Conversions Part 1

Format	Color
Hex	089068
RGB	8, 144, 104
RGB Percent	3%, 56%, 41%
CMY	0.9667, 0.4347, 0.5916
CMYK	0.94, 0.00, 0.28, 0.43
HSL	162°, 89%, 30%
HSV	162°, 94%, 57%
XYZ	12.6061, 21.0462, 16.5295
YIQ	98.7760, -68.2160, -41.2720

Conversions

Conversions Part 2

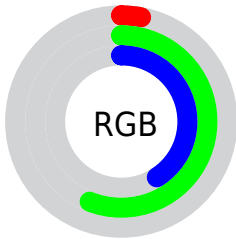
Format	Color
RYB	8, 88, 144
Decimal	561256
CIELab	53.00, -42.43, 12.27
CIELCh	53, 44.167, 163.865
Yxy	21.0462, 0.2512, 0.4194
Android (android.graphics.Color)	4278751336 (0xFF089068)
YUV	98.7760, 2.5754, -79.6106
Hunter-Lab	45.8761, -31.2340, 10.7507

Details

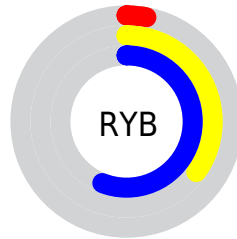
The CIELCh color **53, 44.167, 163.865** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **30, 55.100, 17.511**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 44.390, 163.655**, and **34, 35.908, 157.746** is the 20% darker color. If you saturate the color by 10%, you get **53, 45.559, 162.726**, and if you desaturate by 10%, it is **53, 41.598, 165.808**.

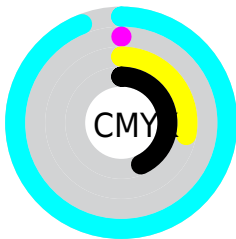
Distribution



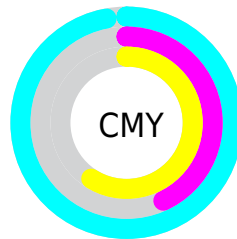
- Red (3%)
- Green (56%)
- Blue (41%)



- Red (3%)
- Yellow (35%)
- Blue (56%)



- Cyan (94%)
- Magenta (0%)
- Yellow (28%)
- Black (43%)



- Cyan (97%)
- Magenta (43%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 44.167, 163.865 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, 44.167, 163.865 by changing the saturation by 10% instead.

 53, 44.167,
163.865

 53, 44.167,
163.865

 100, 44.167,
163.865

 43, 44.167,
163.865


 73, 44.167,
163.865

 33, 44.167,
163.865

 83, 44.167,
163.865

 23, 44.167,
163.865

 93, 44.167,
163.865

 13, 44.167,
163.865

 3, 44.167, 163.865

 0, 44.167, 163.865

■ 53, 44.167,
163.865

■ 53, 44.167,
163.865

■ 53, 45.559,
162.726

■ 53, 41.598,
165.808

■ 54, 38.432,
167.565

■ 54, 34.650,
169.142

■ 55, 30.283,
170.559

■ 55, 25.398,
171.838

■ 56, 20.082,
173.002

■ 57, 14.433,
174.073

■ 58, 8.546, 175.075

Harmonies

Complementary

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



53, 44.167, 163.865



30, 55.100, 17.511

Rectangle

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



53, 44.167, 163.865



53, 44.167, 213.865



53, 44.167, 343.865



53, 44.167, 33.865

Sweetspot

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



53, 44.167, 163.864



72, 20.508, 173.605



53, 73.227, 132.672



37, 14.174, 173.183



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, 44.167, 163.864



67, 55.417, 162.248



45, 28.191, 232.739



30, 3.406, 175.559



50, 43.381, 162.865



2, 2.319, 176.321

Inverse Universe

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



30, 55.100, 17.511



39, 69.402, 21.600



32, 60.568, 43.184



28, 3.496, 357.092



28, 54.388, 19.952



0, 2.319, 356.308

Previews

White Background



This preview shows how the CIELCh color 53, 44.167, 163.865 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, 44.167, 163.865 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, 44.167, 163.865

Background



This preview shows how black text looks on a background with the CIELCh color 53, 44.167, 163.865.



This preview shows how white text looks on a background with the CIELCh color 53, 44.167, 163.865.

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, 44.167, 163.865

Protanopia

53, 17.674, 95.153

Deuteranopia

53, 12.079, 54.966



Tritanopia
53, 26.375, 212.533

Trichromacy



Original Color
53, 44.167, 163.865



Protanomaly
52, 26.452, 148.997



Deuteranomaly
51, 18.719, 154.452



Tritanomaly
53, 30.811, 188.812

Monochromacy



Original Color
53, 44.167, 163.865



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 20.362, 172.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 44.167, 163.865 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(8, 144, 104)` looks like.

```
.text, #text, p{  
    color:rgb(8, 144, 104)  
}
```

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(8, 144, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 144, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 44.167, 163.865 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(8, 144, 104) }
```

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

```
.border{ border-color:rgb(8, 144, 104) }
```

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

Here you see how a box with a 4 pixel rgb(8, 144, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 144, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 144, 104);  
box-shadow:4px 4px 4px 4px rgb(8, 144,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 44.167, 163.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 144, 104) }
```

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

```
.background{ background-color: rgb(8, 144,  
104) }
```

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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