

Converting Colors

CIELCh(53, 43.828, 164.048)

Have a look what the booklet for
CIELCh(53, 43.828, 164.048)
contains.

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Color

CIELCh(53, 43.634, 164.353)

Conversions

Conversions Part 1

Format	Color
Hex	0B9069
RGB	11, 144, 105
RGB Percent	4%, 56%, 41%
CMY	0.9565, 0.4352, 0.5881
CMYK	0.92, 0.00, 0.27, 0.44
HSL	162°, 86%, 30%
HSV	162°, 92%, 56%
XYZ	12.6670, 21.0462, 16.7656
YIQ	99.7870, -66.7490, -40.3250

Conversions

Conversions Part 2

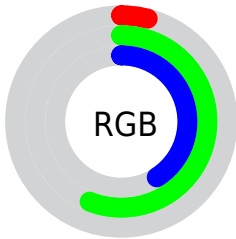
Format	Color
RYB	11, 89, 144
Decimal	757865
CIELab	53.00, -42.02, 11.77
CIElCh	53, 43.634, 164.353
Yxy	21.0462, 0.2509, 0.4169
Android (android.graphics.Color)	4278947945 (0xFF0B9069)
YUV	99.7870, 2.5700, -77.8662
Hunter-Lab	45.8761, -30.9969, 10.4456

Details

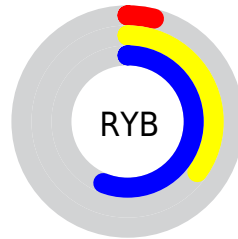
The CIELCh color **53, 43.634, 164.353** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **30, 54.520, 16.743**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 43.844, 164.070**, and **34, 35.467, 158.463** is the 20% darker color. If you saturate the color by 10%, you get **53, 45.442, 162.853**, and if you desaturate by 10%, it is **53, 40.976, 166.261**.

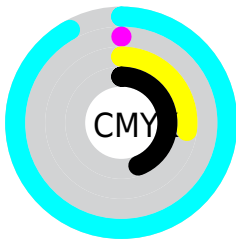
Distribution



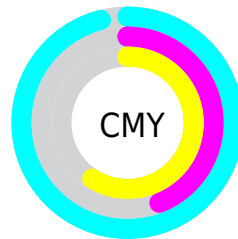
- Red (4%)
- Green (56%)
- Blue (41%)



- Red (4%)
- Yellow (35%)
- Blue (56%)



- Cyan (92%)
- Magenta (0%)
- Yellow (27%)
- Black (44%)





- Cyan (96%)
- Magenta (44%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 43.634, 164.353 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, 43.634, 164.353 by changing the saturation by 10% instead.


 53, 43.634,
164.353


 53, 43.634,
164.353


 100, 43.634,
164.353


 43, 43.634,
164.353


 73, 43.634,
164.353

 33, 43.634,
164.353

 83, 43.634,
164.353

 23, 43.634,
164.353

 93, 43.634,
164.353

 13, 43.634,
164.353

 3, 43.634, 164.353

 0, 43.634, 164.353

■ 53, 43.634,
164.353

■ 53, 43.634,
164.353

■ 53, 45.442,
162.853

■ 53, 40.976,
166.261

■ 54, 37.710,
167.981

■ 54, 33.831,
169.525

■ 55, 29.377,
170.913

■ 55, 24.420,
172.168

■ 56, 19.049,
173.312

■ 57, 13.361,
174.368

■ 58, 7.451, 175.361

Harmonies

Complementary

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



53, 43.634, 164.353



30, 54.520, 16.743

Rectangle

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



53, 43.634, 164.353



53, 43.634, 214.353



53, 43.634, 344.353



53, 43.634, 34.353

Sweetspot

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



53, 43.634, 164.352



72, 20.486, 173.716



53, 72.565, 132.576



37, 14.158, 173.293



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, 43.634, 164.352



67, 55.308, 162.374



46, 28.032, 232.119



30, 3.403, 175.669



50, 43.297, 162.990



2, 2.317, 176.430

Inverse Universe

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



30, 54.520, 16.743



39, 69.456, 21.741



33, 59.430, 43.103



28, 3.494, 357.201



28, 54.425, 20.092



0, 2.317, 356.417

Previews

White Background



This preview shows how the CIELCh color 53, 43.634, 164.353 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, 43.634, 164.353 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, 43.634, 164.353

Background



This preview shows how black text looks on a background with the CIELCh color 53, 43.634, 164.353.



This preview shows how white text looks on a background with the CIELCh color 53, 43.634, 164.353.

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, 43.634, 164.353

Protanopia
53, 17.579, 96.546

Deuteranopia
53, 11.727, 52.802



Tritanopia
53, 26.365, 211.201

Trichromacy



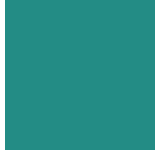
Original Color
53, 43.634, 164.353



Protanomaly
52, 26.452, 148.997



Deuteranomaly
51, 18.022, 154.977



Tritanomaly
53, 30.682, 188.792

Monochromacy



Original Color
53, 43.634, 164.353



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 20.062, 172.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 43.634, 164.353 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(11, 144, 105)` looks like.

```
.text, #text, p{  
    color:rgb(11, 144, 105)  
}
```

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(11, 144, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 144, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 43.634, 164.353 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(11, 144, 105) }
```

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

```
.border{ border-color:rgb(11, 144, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 144, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 144, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 144, 105);  
box-shadow:4px 4px 4px 4px rgb(11, 144,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 43.634, 164.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 144, 105) }
```

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

```
.background{ background-color: rgb(11, 144,  
105) }
```

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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