

Converting Colors

CIELCh(53, 43.328, 157.070)

Have a look what the booklet for
CIELCh(53, 43.328, 157.070)
contains.

CIELCh(53, 43.326, 156.996)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 43.326, 156.996)

Conversions

Conversions Part 1

Format	Color
Hex	2C8F60
RGB	44, 143, 96
RGB Percent	17%, 56%, 38%
CMY	0.8272, 0.4390, 0.6233
CMYK	0.69, 0.00, 0.33, 0.44
HSL	152°, 53%, 37%
HSV	152°, 69%, 56%
XYZ	12.9876, 21.0462, 14.4579
YIQ	108.0410, -43.9170, -35.6050

Conversions

Conversions Part 2

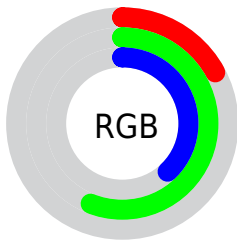
Format	Color
RYB	44, 109, 143
Decimal	2920288
CIELab	53.00, -39.88, 16.93
CIElCh	53, 43.326, 156.996
Yxy	21.0462, 0.2678, 0.4340
Android (android.graphics.Color)	4281110368 (0xFF2C8F60)
YUV	108.0410, -5.9362, -56.1640
Hunter-Lab	45.8761, -29.7497, 13.4280

Details

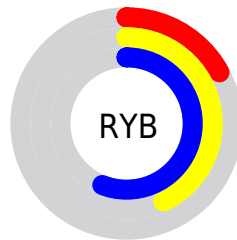
The CIELCh color **53, 43.326, 156.996** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **35, 46.109, 353.848**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 43.556, 157.047**, and **34, 39.480, 152.581** is the 20% darker color. If you saturate the color by 10%, you get **53, 47.972, 155.202**, and if you desaturate by 10%, it is **54, 38.094, 158.592**.

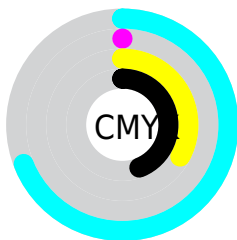
Distribution



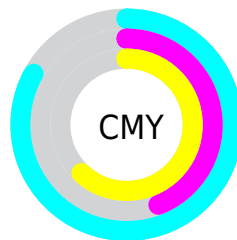
- Red (17%)
- Green (56%)
- Blue (38%)



- Red (17%)
- Yellow (43%)
- Blue (56%)



- Cyan (69%)
- Magenta (0%)
- Yellow (33%)
- Black (44%)





- Cyan (83%)
- Magenta (44%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 43.326, 156.996 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, 43.326, 156.996 by changing the saturation by 10% instead.


 53, 43.326,
156.996


 53, 43.326,
156.996


 100, 43.326,
156.996


 43, 43.326,
156.996


 73, 43.326,
156.996

 33, 43.326,
156.996

 83, 43.326,
156.996

 23, 43.326,
156.996

 93, 43.326,
156.996

 13, 43.326,
156.996

 3, 43.326, 156.996

 0, 43.326, 156.996

■ 53, 43.326,
156.996

■ 53, 43.326,
156.996

■ 53, 47.972,
155.202

■ 54, 38.094,
158.592

■ 52, 51.999,
153.206

■ 54, 32.346,
160.007

■ 52, 55.538,
151.116

■ 55, 26.180,
161.263

■ 52, 55.821,
150.957

■ 56, 19.707,
162.383

■ 57, 13.031,
163.391

■ 58, 6.250, 164.320

■ 60, 0.555, 344.505

■ 61, 7.317, 345.797

■ 62, 13.987,
346.513

Harmonies

Complementary

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



53, 43.326, 156.996



35, 46.109, 353.848

Rectangle

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



53, 43.326, 156.996



53, 43.326, 206.996



53, 43.326, 336.996



53, 43.326, 26.996

Sweetspot

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



53, 43.326, 156.996



72, 17.659, 163.173



54, 56.683, 126.893



38, 12.032, 162.929



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, 43.326, 156.996



67, 61.047, 154.116



54, 28.227, 198.724



30, 3.833, 164.322



49, 53.419, 151.088



2, 2.594, 165.034

Inverse Universe

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



35, 46.109, 353.848



42, 63.215, 357.942



34, 47.440, 30.346



28, 3.885, 345.736



28, 52.788, 3.132



1, 2.594, 345.023

Previews

White Background



This preview shows how the CIELCh color 53, 43.326, 156.996 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, 43.326, 156.996 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, 43.326, 156.996

Background



This preview shows how black text looks on a background with the CIELCh color 53, 43.326, 156.996.



This preview shows how white text looks on a background with the CIELCh color 53, 43.326, 156.996.

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, 43.326, 156.996

Protanopia
53, 22.212, 95.863

Deuteranopia
53, 16.010, 65.770



Tritanopia
53, 23.212, 213.441

Trichromacy



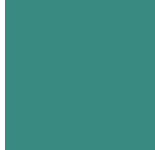
Original Color
53, 43.326, 156.996



Protanomaly
52, 26.461, 134.527



Deuteranomaly
52, 19.223, 133.662



Tritanomaly
53, 27.407, 184.443

Monochromacy



Original Color
53, 43.326, 156.996



Achromatopsia
46, 0.006, 296.813



Achromatomaly
48, 17.472, 162.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 43.326, 156.996 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(44, 143, 96)` looks like.

```
.text, #text, p{  
    color:rgb(44, 143, 96)  
}
```

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(44, 143, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 143, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 43.326, 156.996 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(44, 143, 96) }
```

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

```
.border{ border-color:rgb(44, 143, 96) }
```

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

Here you see how a box with a 4 pixel rgb(44, 143, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 143, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 143, 96);  
box-shadow:4px 4px 4px 4px rgb(44, 143,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 43.326, 156.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 143, 96) }
```

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

```
.background{ background-color: rgb(44, 143,  
96) }
```

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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