

Converting Colors

CIELCh(54, 43.556, 166.568)

Have a look what the booklet for
CIELCh(54, 43.556, 166.568)
contains.

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Color

CIELCh(54, 43.758, 166.299)

Conversions

Conversions Part 1

Format	Color
Hex	01936E
RGB	1, 147, 110
RGB Percent	0%, 58%, 43%
CMY	0.9969, 0.4238, 0.5689
CMYK	0.99, 0.00, 0.25, 0.42
HSL	165°, 99%, 29%
HSV	165°, 99%, 58%
XYZ	13.2431, 21.9746, 18.2766
YIQ	99.1280, -75.1390, -42.4590

Conversions

Conversions Part 2

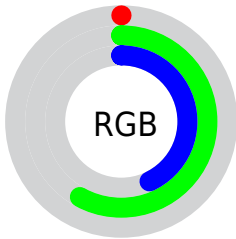
Format	Color
RYB	1, 85, 147
Decimal	103278
CIELab	54.00, -42.51, 10.36
CIELCh	54, 43.758, 166.299
Yxy	21.9746, 0.2476, 0.4108
Android (android.graphics.Color)	4278293358 (0xFF01936E)
YUV	99.1280, 5.3599, -86.0583
Hunter-Lab	46.8770, -31.6072, 9.6977

Details

The CIELCh color **54, 43.758, 166.299** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30, 58.944, 23.829**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 43.741, 166.539**, and **35, 35.413, 159.878** is the 20% darker color. If you saturate the color by 10%, you get **54, 43.870, 166.203**, and if you desaturate by 10%, it is **54, 41.638, 168.173**.

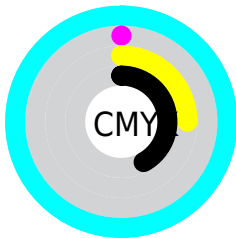
Distribution



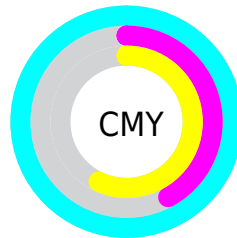
- Red (0%)
- Green (58%)
- Blue (43%)



- Red (0%)
- Yellow (33%)
- Blue (58%)



- Cyan (99%)
- Magenta (0%)
- Yellow (25%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 43.758, 166.299 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 54, 43.758, 166.299 by changing the saturation by 10% instead.

 54, 43.758,
166.299

 54, 43.758,
166.299


 100, 43.758,
166.299

 44, 43.758,
166.299


 74, 43.758,
166.299

 34, 43.758,
166.299

 84, 43.758,
166.299

 24, 43.758,
166.299

 94, 43.758,
166.299

 14, 43.758,
166.299

 4, 43.758, 166.299

 0, 43.758, 166.299

■ 54, 43.758,
166.299

■ 54, 43.758,
166.299

■ 54, 43.870,
166.203

■ 54, 41.638,
168.173

■ 54, 39.053,
169.940

■ 55, 35.837,
171.531

■ 55, 31.991,
172.962

■ 56, 27.562,
174.257

■ 57, 22.627,
175.437

■ 58, 17.276,
176.525

■ 59, 11.606,

177.540

■ 60, 5.711, 178.515

Harmonies

Complementary

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



54, 43.758, 166.299



30, 58.944, 23.829

Rectangle

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



54, 43.758, 166.299



54, 43.758, 216.299



54, 43.758, 346.299



54, 43.758, 36.299

Sweetspot

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



54, 43.758, 166.298



73, 21.754, 176.404



53, 76.666, 133.498



38, 14.838, 175.993



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 43.758, 166.298



69, 53.644, 165.745



44, 29.655, 241.664



31, 3.426, 178.541



51, 41.768, 166.333



2, 3.026, 179.300

Inverse Universe

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



30, 58.944, 23.829



40, 72.491, 25.360



33, 63.908, 44.937



29, 3.531, 0.073



28, 56.297, 23.706



1, 3.027, 359.286

Previews

White Background



This preview shows how the CIELCh color 54, 43.758, 166.299 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 54, 43.758, 166.299 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 54, 43.758, 166.299

Background



This preview shows how black text looks on a background with the CIELCh color 54, 43.758, 166.299.

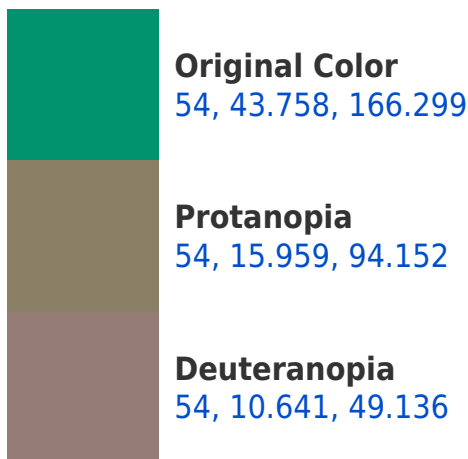


This preview shows how white text looks on a background with the CIELCh color 54, 43.758, 166.299.

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





Tritanopia
54, 27.128, 212.001

Trichromacy



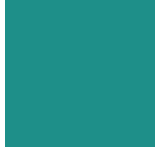
Original Color
54, 43.758, 166.299



Protanomaly
52, 26.079, 153.582



Deuteranomaly
52, 18.852, 161.708



Tritanomaly
54, 31.637, 190.075

Monochromacy



Original Color
54, 43.758, 166.299



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 21.155, 175.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 43.758, 166.299 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(1, 147, 110)` looks like.

```
.text, #text, p{  
    color:rgb(1, 147, 110)  
}
```

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(1, 147, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 147, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 43.758, 166.299 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(1, 147, 110) }
```

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

```
.border{ border-color:rgb(1, 147, 110) }
```

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

Here you see how a box with a 4 pixel rgb(1, 147, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 147, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 147, 110);  
box-shadow:4px 4px 4px 4px rgb(1, 147,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 43.758, 166.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 147, 110) }
```

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

```
.background{ background-color: rgb(1, 147,  
110) }
```

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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