

Converting Colors

CIELCh(43, 56.293, 143.707)

Have a look what the booklet for
CIELCh(43, 56.293, 143.707)
contains.

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Color

CIELCh(43, 56.192, 143.717)

Conversions

Conversions Part 1

Format	Color
Hex	03762A
RGB	3, 118, 42
RGB Percent	1%, 46%, 16%
CMY	0.9877, 0.5370, 0.8351
CMYK	0.97, 0.00, 0.64, 0.54
HSL	140°, 95%, 24%
HSV	140°, 97%, 46%
XYZ	6.9431, 13.1578, 4.3691
YIQ	74.9510, -44.1440, -48.0160

Conversions

Conversions Part 2

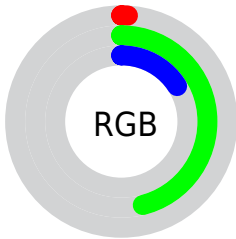
Format	Color
RYB	3, 89, 118
Decimal	226858
CIELab	43.00, -45.30, 33.25
CIELCh	43, 56.192, 143.717
Yxy	13.1578, 0.2837, 0.5377
Android (android.graphics.Color)	4278416938 (0xFF03762A)
YUV	74.9510, -16.2448, -63.1010
Hunter-Lab	36.2736, -29.3124, 18.2501

Details

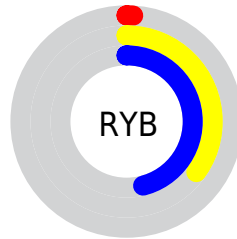
The CIELCh color **43, 56.192, 143.717** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **25, 51.027, 346.343**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 56.223, 143.603**, and **24, 46.003, 136.418** is the 20% darker color. If you saturate the color by 10%, you get **43, 57.178, 143.283**, and if you desaturate by 10%, it is **43, 52.312, 145.553**.

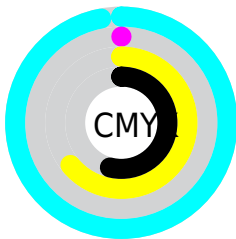
Distribution



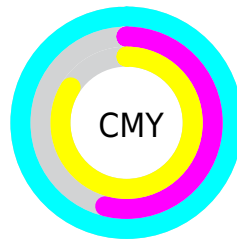
- Red (1%)
- Green (46%)
- Blue (16%)



- Red (1%)
- Yellow (35%)
- Blue (46%)



- Cyan (97%)
- Magenta (0%)
- Yellow (64%)
- Black (54%)





- Cyan (99%)
- Magenta (54%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 56.192, 143.717 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 43, 56.192, 143.717 by changing the saturation by 10% instead.


 43, 56.192,
143.717


 43, 56.192,
143.717


 100, 56.192,
143.717


 33, 56.192,
143.717

 63, 56.192,
143.717


 23, 56.192,
143.717

 73, 56.192,
143.717

 13, 56.192,
143.717

 83, 56.192,
143.717

 3, 56.192, 143.717

 93, 56.192,
143.717

 0, 56.192, 143.717

 43, 56.192,

 43, 56.192,

143.717

143.717

■ 43, 57.178,
143.283

■ 43, 52.312,
145.553

■ 44, 47.859,
147.343

■ 44, 42.797,
148.966

■ 44, 37.200,
150.413

■ 45, 31.169,
151.688

■ 46, 24.816,
152.806

■ 47, 18.253,
153.788

■ 48, 11.580,
154.654

Harmonies

Complementary

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



43, 56.192, 143.717



25, 51.027, 346.343

Rectangle

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



43, 56.192, 143.717



43, 56.192, 193.717



43, 56.192, 323.717



43, 56.192, 13.717

Sweetspot

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



43, 56.192, 143.717



59, 23.923, 153.566



45, 57.422, 120.725



30, 16.295, 153.239



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 56.192, 143.717



55, 69.869, 142.719



44, 33.090, 175.435



24, 3.728, 155.309



44, 58.792, 143.195



86, 102.466, 141.976

Inverse Universe

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



25, 51.027, 346.343



33, 61.759, 347.448



24, 51.468, 28.505



23, 3.750, 336.460



26, 52.740, 346.915



55, 88.485, 348.334

Previews

White Background



This preview shows how the CIELCh color 43, 56.192, 143.717 looks on a white 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

Black Background



This preview shows how the CIE LCh color 43, 56.192, 143.717 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 56.192, 143.717

Background



This preview shows how black text looks on a background with the CIELCh color 43, 56.192, 143.717.



This preview shows how white text looks on a background with the CIELCh color 43, 56.192, 143.717.

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

43, 56.192, 143.717

Protanopia

43, 37.002, 95.522

Deuteranopia

43, 31.540, 79.132



Tritanopia
43, 20.263, 212.984

Trichromacy



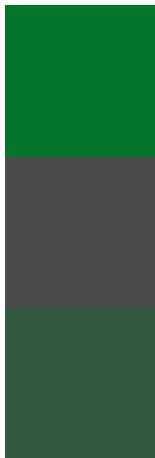
Original Color
43, 56.192, 143.717

Protanomaly
41, 41.576, 126.436

Deuteranomaly
41, 35.177, 122.807

Tritanomaly
43, 30.300, 170.013

Monochromacy



Original Color
43, 56.192, 143.717

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 24.697, 151.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 56.192, 143.717 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(3, 118, 42)` looks like.

```
.text, #text, p{  
    color:rgb(3, 118, 42)  
}
```

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(3, 118, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 118, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 56.192, 143.717 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(3, 118, 42) }
```

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

```
.border{ border-color:rgb(3, 118, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 118, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 118, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 118, 42);  
box-shadow:4px 4px 4px 4px rgb(3, 118, 42)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 56.192, 143.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 118, 42) }
```

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

```
.background{ background-color: rgb(3, 118,  
42) }
```

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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