

Converting Colors

CIELCh(43, 58.163, 142.696)

Have a look what the booklet for
CIELCh(43, 58.163, 142.696)
contains.

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Color

CIELCh(43, 57.894, 142.715)

Conversions

Conversions Part 1

Format	Color
Hex	017626
RGB	1, 118, 38
RGB Percent	0%, 46%, 15%
CMY	0.9977, 0.5363, 0.8501
CMYK	1.00, 0.00, 0.68, 0.54
HSL	139°, 99%, 23%
HSV	139°, 100%, 46%
XYZ	6.8671, 13.1578, 4.0302
YIQ	73.8970, -44.0520, -49.6840

Conversions

Conversions Part 2

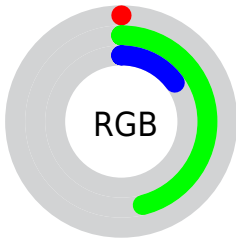
Format	Color
RYB	1, 90, 118
Decimal	95782
CIELab	43.00, -46.06, 35.07
CIELCh	43, 57.894, 142.715
Yxy	13.1578, 0.2855, 0.5470
Android (android.graphics.Color)	4278285862 (0xFF017626)
YUV	73.8970, -17.6972, -63.9307
Hunter-Lab	36.2736, -29.6865, 18.8040

Details

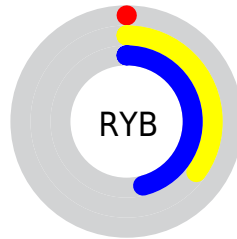
The CIELCh color **43, 57.894, 142.715** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **25, 51.978, 345.373**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 57.475, 142.680**, and **24, 46.003, 136.418** is the 20% darker color. If you saturate the color by 10%, you get **43, 58.077, 142.638**, and if you desaturate by 10%, it is **43, 54.059, 144.466**.

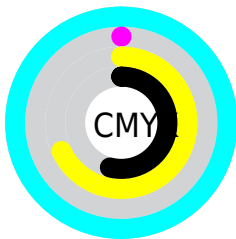
Distribution



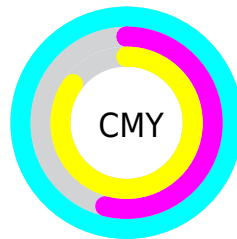
- Red (0%)
- Green (46%)
- Blue (15%)



- Red (0%)
- Yellow (35%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (54%)





- Cyan (100%)
- Magenta (54%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 57.894, 142.715 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, 57.894, 142.715 by changing the saturation by 10% instead.


 43, 57.894,
142.715


 43, 57.894,
142.715


 100, 57.894,
142.715


 33, 57.894,
142.715

 63, 57.894,
142.715


 23, 57.894,
142.715

 73, 57.894,
142.715

 13, 57.894,
142.715

 83, 57.894,
142.715

 3, 57.894, 142.715

 93, 57.894,
142.715

 0, 57.894, 142.715

 43, 57.894,

 43, 57.894,

142.715

142.715

■ 43, 58.077,
142.638

■ 43, 54.059,
144.466

■ 43, 49.685,
146.264

■ 44, 44.668,
147.909

■ 44, 39.084,
149.383

■ 45, 33.033,
150.684

■ 46, 26.632,
151.826

■ 47, 19.995,
152.827

■ 48, 13.229,
153.706

Harmonies

Complementary

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



43, 57.894, 142.715



25, 51.978, 345.373

Rectangle

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



43, 57.894, 142.715



43, 57.894, 192.715



43, 57.894, 322.715



43, 57.894, 12.715

Sweetspot

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



43, 57.894, 142.715



59, 25.099, 152.710



45, 57.851, 120.076



30, 16.998, 152.390



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, 57.894, 142.715



55, 70.874, 142.090



44, 34.113, 173.383



24, 3.780, 154.528



44, 59.645, 142.556



86, 103.909, 141.365

Inverse Universe

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



25, 51.978, 345.373



34, 62.444, 346.027



23, 51.951, 28.147



23, 3.800, 335.661



26, 53.324, 345.539



55, 89.467, 346.838

Previews

White Background



This preview shows how the CIELCh color 43, 57.894, 142.715 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, 57.894, 142.715 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, 57.894, 142.715

Background



This preview shows how black text looks on a background with the CIELCh color 43, 57.894, 142.715.



This preview shows how white text looks on a background with the CIELCh color 43, 57.894, 142.715.

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, 57.834, 142.653

Protanopia
43, 38.772, 96.427

Deuteranopia
43, 33.545, 80.341



Tritanopia
43, 20.471, 211.000

Trichromacy



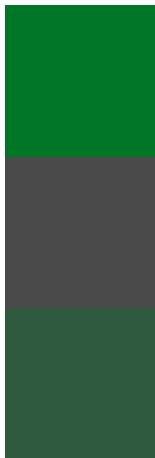
Original Color
43, 57.834, 142.653

Protanomaly
42, 43.650, 126.371

Deuteranomaly
41, 36.795, 122.590

Tritanomaly
43, 31.376, 168.486

Monochromacy



Original Color
43, 57.834, 142.653

Achromatopsia
31, 0.005, 296.813

Achromatomaly
35, 25.447, 151.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 57.894, 142.715 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, 118, 38)` looks like.

```
.text, #text, p{  
    color:rgb(1, 118, 38)  
}
```

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, 118, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 118, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 57.894, 142.715 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, 118, 38) }
```

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

```
.border{ border-color:rgb(1, 118, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 118, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 118, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 118, 38);  
box-shadow:4px 4px 4px 4px rgb(1, 118, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 57.894, 142.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 118, 38) }
```

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

```
.background{ background-color: rgb(1, 118,  
38) }
```

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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