

Converting Colors

CIELCh(44, 59.214, 142.877)

Have a look what the booklet for
CIELCh(44, 59.214, 142.877)
contains.

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Color

CIELCh(44, 59.011, 142.664)

Conversions

Conversions Part 1

Format	Color
Hex	007927
RGB	0, 121, 39
RGB Percent	0%, 47%, 15%
CMY	0.9993, 0.5252, 0.8468
CMYK	1.00, 0.00, 0.68, 0.53
HSL	139°, 100%, 24%
HSV	139°, 100%, 47%
XYZ	7.2144, 13.8382, 4.2154
YIQ	75.4730, -45.7940, -51.1540

Conversions

Conversions Part 2

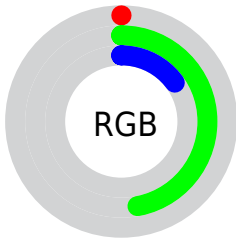
Format	Color
RYB	0, 92, 121
Decimal	31015
CIELab	44.00, -46.92, 35.79
CIELCh	44, 59.011, 142.664
Yxy	13.8382, 0.2855, 0.5477
Android (android.graphics.Color)	4278221095 (0xFF007927)
YUV	75.4730, -17.9812, -66.1898
Hunter-Lab	37.1997, -30.4818, 19.3211

Details

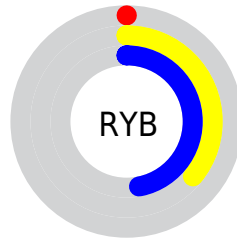
The CIELCh color **44, 59.011, 142.664** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 52.839, 345.621**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 59.296, 142.707**, and **25, 47.485, 136.239** is the 20% darker color. If you saturate the color by 10%, you get **44, 59.063, 142.643**, and if you desaturate by 10%, it is **44, 55.139, 144.422**.

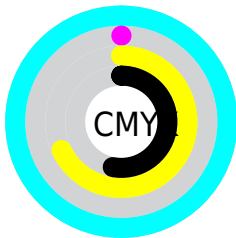
Distribution



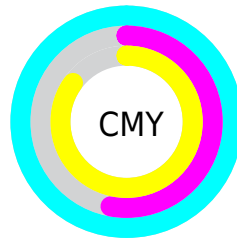
- Red (0%)
- Green (47%)
- Blue (15%)



- Red (0%)
- Yellow (36%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 59.011, 142.664 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 44, 59.011, 142.664 by changing the saturation by 10% instead.


 44, 59.011,
142.664

 44, 59.011,
142.664

 100, 59.011,
142.664

 34, 59.011,
142.664

 64, 59.011,
142.664

 24, 59.011,
142.664

 74, 59.011,
142.664

 14, 59.011,
142.664

 84, 59.011,
142.664

 4, 59.011, 142.664

 94, 59.011,
142.664

 0, 59.011, 142.664

 44, 59.011,

 44, 59.011,

142.664

142.664

■ 44, 59.063,
142.643

■ 44, 55.139,
144.422

■ 44, 50.724,
146.235

■ 45, 45.650,
147.895

■ 45, 39.993,
149.382

■ 46, 33.854,
150.696

■ 47, 27.351,
151.849

■ 48, 20.603,
152.859

■ 49, 13.718,
153.746

Harmonies

Complementary

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



44, 59.011, 142.664



26, 52.839, 345.621

Rectangle

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



44, 59.011, 142.664



44, 59.011, 192.664



44, 59.011, 322.664



44, 59.011, 12.664

Sweetspot

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



44, 59.011, 142.664



61, 25.743, 152.775



46, 58.963, 120.128



31, 17.441, 152.445



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 59.011, 142.664



57, 72.601, 142.090



45, 34.770, 173.285



25, 3.912, 154.597



45, 60.517, 142.570



87, 104.600, 141.411

Inverse Universe

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



26, 52.839, 345.621



35, 63.861, 346.228



24, 53.064, 28.439



24, 3.934, 335.742



27, 54.039, 345.719



56, 90.050, 346.995

Previews

White Background



This preview shows how the CIELCh color 44, 59.011, 142.664 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 CIELCh color 44, 59.011, 142.664 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 44, 59.011, 142.664

Background



This preview shows how black text looks on a background with the CIELCh color 44, 59.011, 142.664.



This preview shows how white text looks on a background with the CIELCh color 44, 59.011, 142.664.

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

44, 59.011, 142.664

Protanopia

44, 39.747, 95.873

Deuteranopia

44, 33.897, 80.812



Tritanopia
44, 20.751, 212.516

Trichromacy



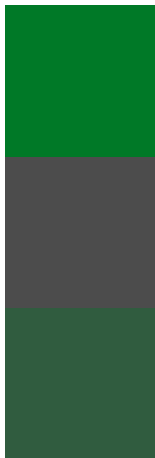
Original Color
44, 59.011, 142.664

Protanomaly
42, 44.470, 125.879

Deuteranomaly
42, 37.815, 122.710

Tritanomaly
44, 31.736, 168.908

Monochromacy



Original Color
44, 59.011, 142.664

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 25.621, 151.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 59.011, 142.664 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(0, 121, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 39)  
}
```

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(0, 121, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 59.011, 142.664 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(0, 121, 39) }
```

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

```
.border{ border-color:rgb(0, 121, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 39);  
box-shadow:4px 4px 4px 4px rgb(0, 121, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 59.011, 142.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 39) }
```

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

```
.background{ background-color: rgb(0, 121,  
39) }
```

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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