

Converting Colors

CIELCh(44, 63.245, 140.010)

Have a look what the booklet for
CIELCh(44, 63.245, 140.010)
contains.

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Color

CIELCh(44, 62.779, 139.974)

Conversions

Conversions Part 1

Format	Color
Hex	01791C
RGB	1, 121, 28
RGB Percent	0%, 47%, 11%
CMY	0.9969, 0.5243, 0.8890
CMYK	0.99, 0.00, 0.77, 0.52
HSL	134°, 99%, 24%
HSV	134°, 99%, 48%
XYZ	7.0971, 13.8382, 3.4151
YIQ	74.5180, -41.6670, -54.3630

Conversions

Conversions Part 2

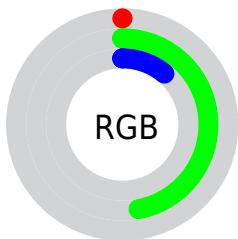
Format	Color
R_{YB}	1, 99, 121
Decimal	96540
CIE Lab	44.00, -48.07, 40.38
CIE LCh	44, 62.779, 139.974
Yxy	13.8382, 0.2915, 0.5683
Android (android.graphics.Color)	4278286620 (0xFF01791C)
YUV	74.5180, -22.9334, -64.4753
Hunter-Lab	37.1997, -31.0448, 20.5968

Details

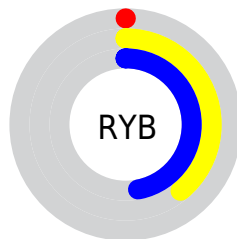
The CIELCh color **44, 62.779, 139.974** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 56.165, 339.346**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 63.201, 139.826**, and **25, 47.485, 136.239** is the 20% darker color. If you saturate the color by 10%, you get **44, 63.012, 139.892**, and if you desaturate by 10%, it is **44, 58.907, 141.503**.

Distribution



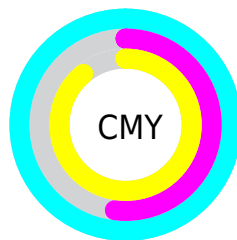
- Red (0%)
- Green (47%)
- Blue (11%)



- Red (0%)
- Yellow (39%)
- Blue (47%)



- Cyan (99%)
- Magenta (0%)
- Yellow (77%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 62.779, 139.974 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, 62.779, 139.974 by changing the saturation by 10% instead.


 44, 62.779,
139.974


 44, 62.779,
139.974


 100, 62.779,
139.974

 34, 62.779,
139.974

 64, 62.779,
139.974


 24, 62.779,
139.974

 74, 62.779,
139.974

 14, 62.779,
139.974

 84, 62.779,
139.974

 4, 62.779, 139.974

 94, 62.779,
139.974

 0, 62.779, 139.974

 44, 62.779,

 44, 62.779,

139.974

139.974

■ 44, 63.012,
139.892

■ 44, 58.907,
141.503

■ 44, 54.275,
143.146

■ 45, 48.844,
144.691

■ 45, 42.737,
146.098

■ 46, 36.094,
147.349

■ 47, 29.059,
148.449

■ 48, 21.770,
149.407

■ 49, 14.351,
150.243

Harmonies

Complementary

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



44, 62.779, 139.974



26, 56.165, 339.346

Rectangle

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



44, 62.779, 139.974



44, 62.779, 189.974



44, 62.779, 319.974



44, 62.779, 9.974

Sweetspot

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



44, 62.779, 139.975



61, 27.630, 149.282



47, 57.342, 115.172



31, 18.725, 148.967



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, 62.779, 139.975



57, 77.227, 139.422



45, 39.269, 164.165



25, 4.190, 151.001



45, 64.457, 139.832



87, 111.020, 138.858

Inverse Universe

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



26, 56.165, 339.346



35, 67.941, 339.763



24, 50.171, 20.033



24, 4.205, 332.059



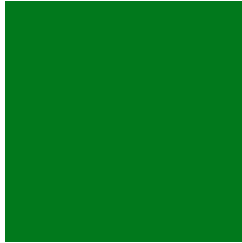
27, 57.452, 339.458



57, 95.888, 340.221

Previews

White Background



This preview shows how the CIELCh color 44, 62.779, 139.974 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, 62.779, 139.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

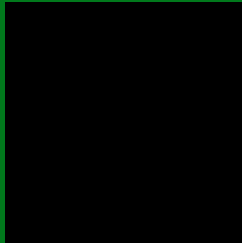
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 62.779, 139.974

Background



This preview shows how black text looks on a background with the CIELCh color 44, 62.779, 139.974.



This preview shows how white text looks on a background with the CIELCh color 44, 62.779, 139.974.

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, 62.722, 139.916

Protanopia

44, 43.955, 95.381

Deuteranopia

44, 38.451, 82.142



Tritanopia
44, 20.542, 212.695

Trichromacy



Original Color
44, 62.722, 139.916

Protanomaly
42, 48.239, 123.249

Deuteranomaly
42, 42.386, 120.293

Tritanomaly
44, 33.100, 165.332

Monochromacy



Original Color
44, 62.722, 139.916

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 27.978, 147.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 62.779, 139.974 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, 121, 28)` looks like.

```
.text, #text, p{  
    color:rgb(1, 121, 28)  
}
```

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, 121, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 121, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 62.779, 139.974 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, 121, 28) }
```

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

```
.border{ border-color:rgb(1, 121, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 121, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 121, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 121, 28);  
box-shadow:4px 4px 4px 4px rgb(1, 121, 28)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 62.779, 139.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 121, 28) }
```

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

```
.background{ background-color: rgb(1, 121,  
28) }
```

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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