

Converting Colors

CIELCh(29, 47.777, 130.327)

Have a look what the booklet for
CIELCh(29, 47.777, 130.327)
contains.

CIELCh(29, 47.793, 130.398)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	19
<i>Color Blindness Simulation</i>	22
<i>CSS Examples</i>	25

Color

CIELCh(29, 47.793, 130.398)

Conversions

Conversions Part 1

Format	Color
Hex	1D4F00
RGB	29, 79, 0
RGB Percent	11%, 31%, 0%
CMY	0.8867, 0.6906, 1.0000
CMYK	0.63, 0.00, 1.00, 0.69
HSL	98°, 100%, 15%
HSV	98°, 100%, 31%
XYZ	3.2925, 5.8380, 0.9510
YIQ	55.0440, -4.4410, -35.1690

Conversions

Conversions Part 2

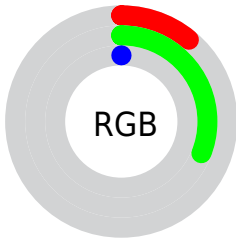
Format	Color
RYB	0, 79, 50
Decimal	1920768
CIELab	29.00, -30.97, 36.40
CIElCh	29, 47.793, 130.398
Yxy	5.8380, 0.3266, 0.5791
Android (android.graphics.Color)	4280110848 (0xFF1D4F00)
YUV	55.0440, -27.1367, -22.8406
Hunter-Lab	24.1619, -17.9598, 14.5797

Details

The CIELCh color **29, 47.793, 130.398** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **11, 51.501, 316.298**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 47.853, 130.305**, and **11, 25.980, 143.748** is the 20% darker color. If you saturate the color by 10%, you get **29, 47.766, 130.419**, and if you desaturate by 10%, it is **29, 44.329, 130.617**.

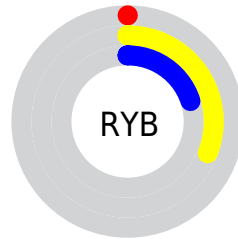
Distribution



Red (11%)

Green (31%)

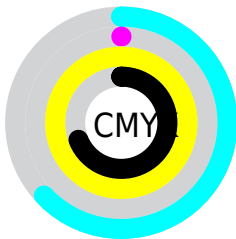
Blue (0%)



Red (0%)

Yellow (31%)

Blue (20%)

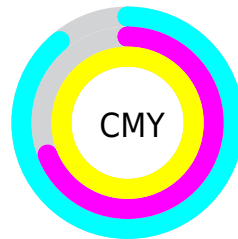


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (89%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 47.793, 130.398 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 29, 47.793, 130.398 by changing the saturation by 10% instead.

 29, 47.793,
130.398

 29, 47.793,
130.398

 100, 47.793,
130.398


 19, 47.793,
130.398


 49, 47.793,
130.398


 9, 47.793, 130.398

 59, 47.793,
130.398

 0, 47.793, 130.398

 69, 47.793,
130.398

 79, 47.793,
130.398

 89, 47.793,
130.398

 99, 47.793,

130.398

■ 29, 47.793,
130.398

■ 29, 47.793,
130.398

■ 29, 47.766,
130.419

■ 29, 44.329,
130.617

■ 30, 40.864,
130.537

■ 30, 36.720,
130.695

■ 30, 32.051,
131.023

■ 31, 27.023,
131.444

■ 31, 21.766,
131.904

■ 32, 16.374,
132.368

■ 32, 10.916,
132.815

■ 33, 5.444, 133.238

Harmonies

Complementary

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



29, 47.793, 130.398



11, 51.501, 316.298

Rectangle

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



29, 47.793, 130.398



29, 47.793, 180.398



29, 47.793, 310.398



29, 47.793, 0.398

Sweetspot

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



29, 47.766, 130.419



41, 20.243, 132.319



23, 34.035, 74.954



20, 13.631, 132.218



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



29, 47.766, 130.419



38, 57.385, 130.956



28, 47.930, 138.742



15, 2.959, 133.295



81, 105.074, 131.987

Inverse Universe

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



11, 51.501, 316.298



16, 61.650, 315.943



16, 44.883, 333.762



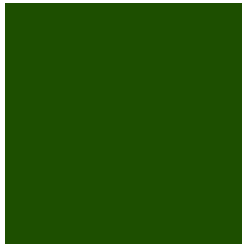
14, 2.985, 313.908



41, 112.125, 315.215

Previews

White Background



This preview shows how the CIELCh color 29, 47.793, 130.398 looks on a white background.

Color Contrast Check

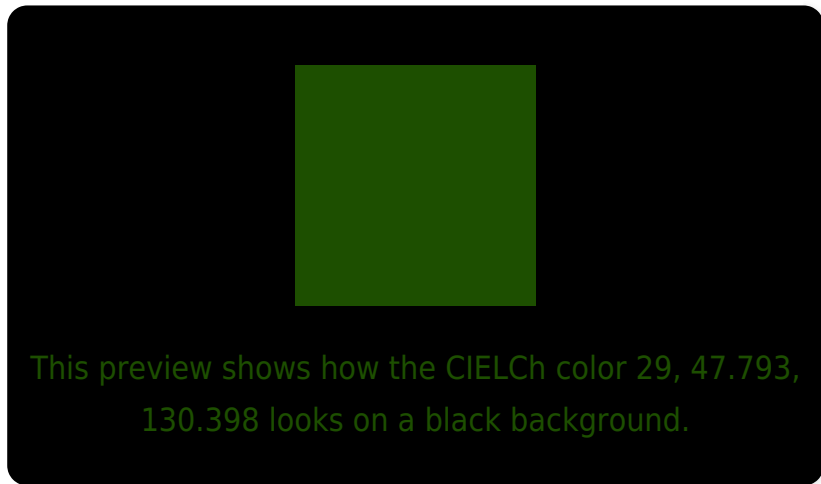
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

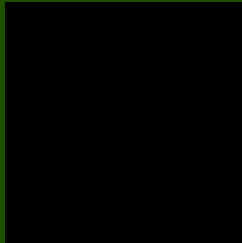
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 47.793, 130.398

Background



This preview shows how black text looks on a background with the CIELCh color 29, 47.793, 130.398.



This preview shows how white text looks on a background with the CIELCh color 29, 47.793, 130.398.

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
29, 47.793, 130.398

Protanopia
29, 38.025, 96.412

Deuteranopia
29, 31.423, 83.346



Tritanopia
29, 11.727, 217.249

Trichromacy



Original Color
29, 47.793, 130.398

Protanomaly
29, 39.940, 112.527

Deuteranomaly
28, 33.978, 108.048

Tritanomaly
29, 22.605, 151.218

Monochromacy



Original Color
29, 47.793, 130.398

Achromatopsia
23, 0.004, 296.813

Achromatomaly
25, 20.588, 131.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 47.793, 130.398 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(29, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 79, 0)  
}
```

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(29, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 79, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 47.793, 130.398 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(29, 79, 0) }
```

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

```
.border{ border-color:rgb(29, 79, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 79, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 79, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 79, 0); box-shadow:4px  
4px 4px 4px rgb(29, 79, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 47.793, 130.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 79, 0) }
```

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

```
.background{ background-color: rgb(29, 79,  
0) }
```

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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