

Converting Colors

CIELCh(28, 38.662, 128.041)

Have a look what the booklet for
CIELCh(28, 38.662, 128.041)
contains.

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Color

CIELCh(28, 38.279, 127.998)

Conversions

Conversions Part 1

Format	Color
Hex	294A0E
RGB	41, 74, 14
RGB Percent	16%, 29%, 5%
CMY	0.8378, 0.7084, 0.9436
CMYK	0.44, 0.00, 0.81, 0.71
HSL	93°, 68%, 17%
HSV	93°, 81%, 29%
XYZ	3.4838, 5.4574, 1.2988
YIQ	57.2930, -0.4080, -25.6560

Conversions

Conversions Part 2

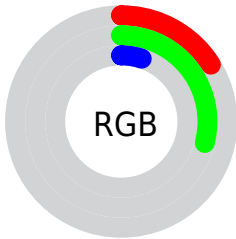
Format	Color
R_YB	14, 74, 47
Decimal	2705934
CIE _{Lab}	28.00, -23.57, 30.17
CIE _{LCh}	28, 38.279, 127.998
Yxy	5.4574, 0.3402, 0.5329
Android (android.graphics.Color)	4280896014 (0xFF294A0E)
YUV	57.2930, -21.3434, -14.2890
Hunter-Lab	23.3610, -14.2623, 13.0565

Details

The CIELCh color **28, 38.279, 127.998** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12, 41.986, 313.870**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 38.037, 127.962**, and **9, 22.100, 144.361** is the 20% darker color. If you saturate the color by 10%, you get **28, 41.562, 128.136**, and if you desaturate by 10%, it is **28, 34.429, 128.072**.

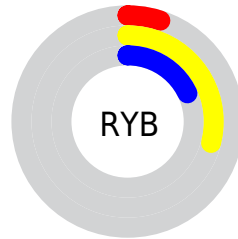
Distribution



Red (16%)

Green (29%)

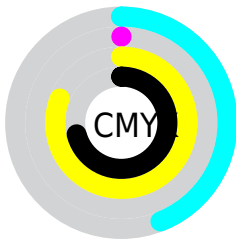
Blue (5%)



Red (5%)

Yellow (29%)

Blue (18%)

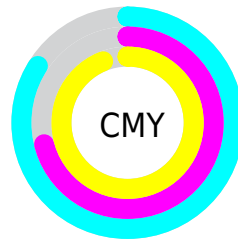


Cyan (44%)

Magenta (0%)

Yellow (81%)

Black (71%)



Cyan (84%)


Magenta (71%)

Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 38.279, 127.998 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 28, 38.279, 127.998 by changing the saturation by 10% instead.

 28, 38.279,
127.998

 28, 38.279,
127.998

 100, 38.279,
127.998

 18, 38.279,
127.998


 48, 38.279,
127.998

 8, 38.279, 127.998

 58, 38.279,
127.998

 0, 38.279, 127.998

 68, 38.279,
127.998

 78, 38.279,
127.998

 88, 38.279,
127.998

 98, 38.279,

127.998

■ 28, 38.279,
127.998

■ 28, 38.279,
127.998

■ 28, 41.562,
128.136

■ 28, 34.429,
128.072

■ 28, 44.697,
128.025

■ 29, 30.098,
128.329

■ 29, 25.437,
128.695

■ 29, 20.564,
129.114

■ 30, 15.564,
129.551

■ 30, 10.497,
129.984

■ 31, 5.409, 130.402

■ 32, 0.331, 130.974

■ 32, 4.712, 311.115

Harmonies

Complementary

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



28, 38.279, 127.998



12, 41.986, 313.870

Rectangle

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



28, 38.279, 127.998



28, 38.279, 177.998



28, 38.279, 307.998



28, 38.279, 357.998

Sweetspot

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



28, 38.279, 127.999



39, 15.182, 129.801



22, 26.752, 70.702



19, 10.287, 129.723



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



28, 38.279, 127.999



36, 52.961, 128.555



27, 41.752, 138.908



15, 2.896, 130.482



38, 56.029, 128.699



81, 102.578, 129.825

Inverse Universe

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



12, 41.986, 313.870



14, 59.043, 313.767



17, 40.620, 329.521



14, 2.928, 311.116



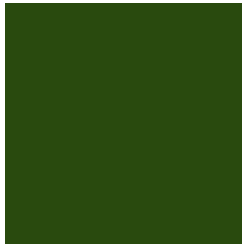
14, 62.665, 313.723



38, 114.147, 312.940

Previews

White Background



This preview shows how the CIELCh color 28, 38.279, 127.998 looks on a white background.

Color Contrast Check

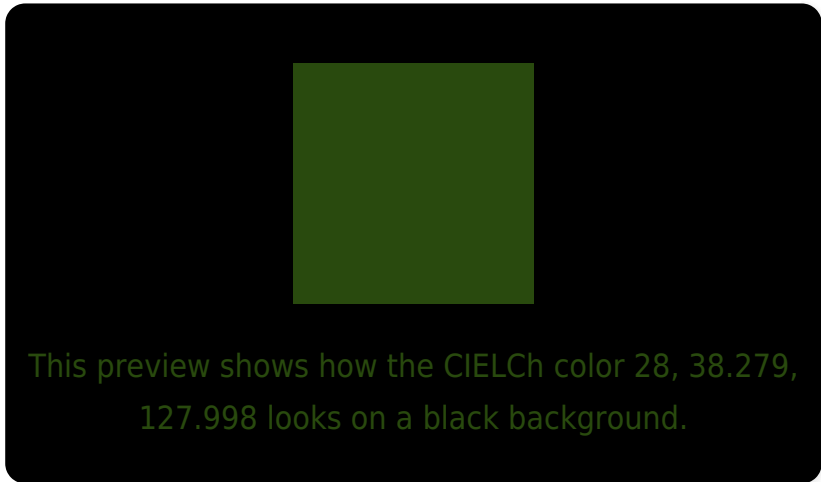
Large Text (above 18pt) WCAG AA ✓ Pass

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

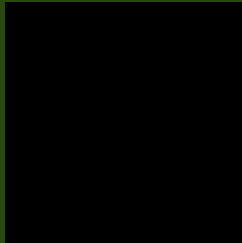
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 38.279, 127.998

Background



This preview shows how black text looks on a background with the CIELCh color 28, 38.279, 127.998.



This preview shows how white text looks on a background with the CIELCh color 28, 38.279, 127.998.

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](#).

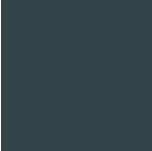
Dichromacy



Original Color
28, 38.279, 127.998

Protanopia
28, 32.042, 96.147

Deuteranopia
28, 28.896, 82.946



Tritanopia
28, 8.362, 226.252

Trichromacy



Original Color
28, 38.279, 127.998

Protanomaly
28, 32.866, 110.172

Deuteranomaly
28, 29.499, 103.277

Tritanomaly
28, 15.837, 149.980

Monochromacy



Original Color
28, 38.279, 127.998

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 15.366, 129.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 38.279, 127.998 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(41, 74, 14)` looks like.

```
.text, #text, p{  
    color:rgb(41, 74, 14)  
}
```

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(41, 74, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 74, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 38.279, 127.998 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(41, 74, 14) }
```

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

```
.border{ border-color:rgb(41, 74, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 74, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 74, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 74, 14);  
box-shadow:4px 4px 4px 4px rgb(41, 74, 14)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 38.279, 127.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 74, 14) }
```

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

```
.background{ background-color: rgb(41, 74,  
14) }
```

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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