

Converting Colors

CIELCh(28, 41.950, 139.862)

Have a look what the booklet for
CIELCh(28, 41.950, 139.862)
contains.

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Color

CIELCh(28, 41.727, 139.975)

Conversions

Conversions Part 1

Format	Color
Hex	0F4D15
RGB	15, 77, 21
RGB Percent	6%, 30%, 8%
CMY	0.9414, 0.6982, 0.9178
CMYK	0.81, 0.00, 0.73, 0.70
HSL	126°, 67%, 18%
HSV	126°, 81%, 30%
XYZ	2.9822, 5.4574, 1.6038
YIQ	52.0780, -18.9760, -30.5600

Conversions

Conversions Part 2

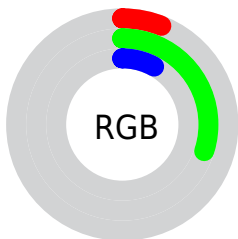
Format	Color
RYB	15, 72, 77
Decimal	1002773
CIELab	28.00, -31.95, 26.84
CIElCh	28, 41.727, 139.975
Yxy	5.4574, 0.2969, 0.5434
Android (android.graphics.Color)	4279192853 (0xFF0F4D15)
YUV	52.0780, -15.3215, -32.5174
Hunter-Lab	23.3610, -18.0948, 12.2822

Details

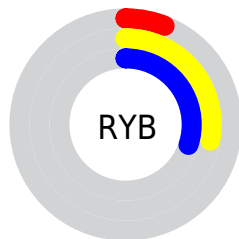
The CIELCh color **28, 41.727, 139.975** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **17, 40.367, 331.269**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 41.782, 140.158**, and **10, 25.067, 143.948** is the 20% darker color. If you saturate the color by 10%, you get **28, 45.127, 138.798**, and if you desaturate by 10%, it is **28, 37.657, 141.196**.

Distribution



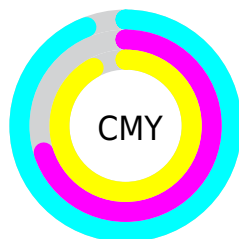
- Red (6%)
- Green (30%)
- Blue (8%)



- Red (6%)
- Yellow (28%)
- Blue (30%)



- Cyan (81%)
- Magenta (0%)
- Yellow (73%)
- Black (70%)





- Cyan (94%)
- Magenta (70%)
- Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 41.727, 139.975 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, 41.727, 139.975 by changing the saturation by 10% instead.

 28, 41.727,
139.975


 28, 41.727,
139.975

 100, 41.727,
139.975


 18, 41.727,
139.975


 48, 41.727,
139.975


 8, 41.727, 139.975

 58, 41.727,
139.975

 0, 41.727, 139.975

 68, 41.727,
139.975

 78, 41.727,
139.975

 88, 41.727,
139.975

 98, 41.727,

139.975

■ 28, 41.727,
139.975

■ 28, 41.727,
139.975

■ 28, 45.127,
138.798

■ 28, 37.657,
141.196

■ 28, 47.877,
138.077

■ 29, 33.035,
142.361

■ 29, 27.993,
143.431

■ 30, 22.658,
144.389

■ 30, 17.139,
145.234

■ 31, 11.528,
145.974

■ 32, 5.902, 146.625

■ 33, 0.319, 147.598

■ 34, 5.176, 327.607

Harmonies

Complementary

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



28, 41.727, 139.975



17, 40.367, 331.269

Rectangle

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



28, 41.727, 139.975



28, 41.727, 189.975



28, 41.727, 319.975



28, 41.727, 9.975

Sweetspot

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



28, 41.727, 139.976



40, 16.630, 145.669



31, 35.490, 108.052



20, 11.520, 145.519



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



28, 41.727, 139.976



36, 56.954, 137.787



28, 28.093, 159.292



15, 3.092, 146.743



37, 58.885, 137.556



80, 108.692, 136.734

Inverse Universe

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



17, 40.367, 331.269



22, 53.242, 332.121



16, 30.896, 359.574



14, 3.099, 327.603



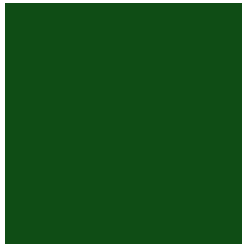
22, 54.873, 332.262



53, 98.787, 332.584

Previews

White Background



This preview shows how the CIELCh color 28, 41.727, 139.975 looks on a white background.

Color Contrast Check

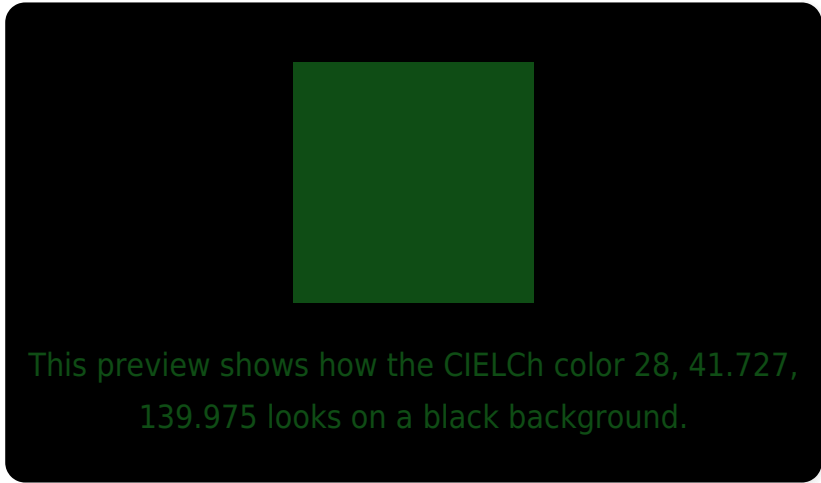
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.727, 139.975

Background



This preview shows how black text looks on a background with the CIELCh color 28, 41.727, 139.975.



This preview shows how white text looks on a background with the CIELCh color 28, 41.727, 139.975.

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](#).

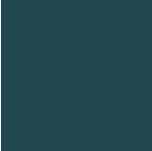
Dichromacy



Original Color
28, 41.727, 139.975

Protanopia
28, 29.375, 96.031

Deuteranopia
28, 25.592, 82.206



Tritanopia
28, 13.913, 213.849

Trichromacy



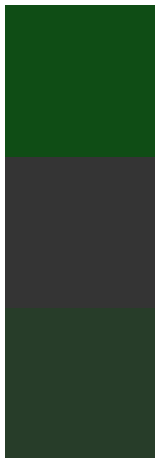
Original Color
28, 41.727, 139.975

Protanomaly
27, 31.750, 119.905

Deuteranomaly
27, 27.467, 115.525

Tritanomaly
28, 21.464, 165.353

Monochromacy



Original Color
28, 41.727, 139.975

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 16.705, 144.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 41.727, 139.975 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(15, 77, 21)` looks like.

```
.text, #text, p{  
    color:rgb(15, 77, 21)  
}
```

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(15, 77, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 77, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 41.727, 139.975 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(15, 77, 21) }
```

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

```
.border{ border-color:rgb(15, 77, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 77, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 77, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 77, 21);  
box-shadow:4px 4px 4px 4px rgb(15, 77, 21)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 41.727, 139.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 77, 21) }
```

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

```
.background{ background-color: rgb(15, 77,  
21) }
```

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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