

Converting Colors

CIELCh(16, 30.895, 140.198)

Have a look what the booklet for
CIELCh(16, 30.895, 140.198)
contains.

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Color

CIELCh(16, 30.697, 140.093)

Conversions

Conversions Part 1

Format	Color
Hex	062F07
RGB	6, 47, 7
RGB Percent	2%, 18%, 3%
CMY	0.9760, 0.8151, 0.9718
CMYK	0.87, 0.00, 0.85, 0.82
HSL	122°, 77%, 10%
HSV	122°, 87%, 18%
XYZ	1.1379, 2.0993, 0.5518
YIQ	30.1810, -11.5960, -21.1320

Conversions

Conversions Part 2

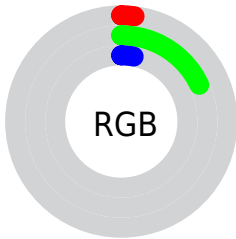
Format	Color
RYB	6, 46, 47
Decimal	405255
CIELab	16.00, -23.55, 19.69
CIELCh	16, 30.697, 140.093
Yxy	2.0993, 0.3003, 0.5540
Android (android.graphics.Color)	4278595335 (0xFF062F07)
YUV	30.1810, -11.4282, -21.2067
Hunter-Lab	14.4890, -11.3366, 7.8842

Details

The CIELCh color **16, 30.697, 140.093** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8, 30.793, 328.701**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 30.862, 140.219**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **16, 33.243, 140.220**, and if you desaturate by 10%, it is **16, 28.213, 140.150**.

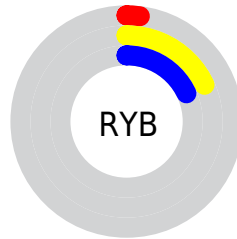
Distribution



Red (2%)

Green (18%)

Blue (3%)



Red (2%)

Yellow (18%)

Blue (18%)

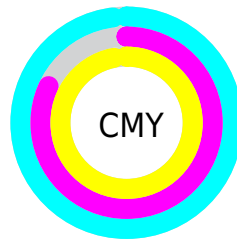


Cyan (87%)

Magenta (0%)

Yellow (85%)

Black (82%)



Cyan (98%)


Magenta (82%)


Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 30.697, 140.093 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 16, 30.697, 140.093 by changing the saturation by 10% instead.

 16, 30.697,
140.093


 16, 30.697,
140.093


 100, 30.697,
140.093


 6, 30.697, 140.093


 36, 30.697,
140.093

 0, 30.697, 140.093

 46, 30.697,
140.093


 56, 30.697,
140.093


 66, 30.697,
140.093


 76, 30.697,
140.093


 86, 30.697,


140.093

 96, 30.697,
140.093


 16, 30.697,
140.093

 16, 30.697,
140.093


 16, 33.243,
140.220


 16, 28.213,
140.150

 16, 34.017,
140.284

 16, 25.321,
140.541

 17, 21.914,
141.368

 17, 18.250,
142.227

 18, 14.443,
143.003

■ 18, 10.554,
143.693

■ 18, 6.635, 144.305

■ 19, 2.726, 144.856

■ 20, 1.143, 325.199

Harmonies

Complementary

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



16, 30.697, 140.093



8, 30.793, 328.701

Rectangle

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



16, 30.697, 140.093



16, 30.697, 190.093



16, 30.697, 320.093



16, 30.697, 10.093

Sweetspot

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



16, 30.697, 140.093



24, 12.641, 143.667



19, 24.739, 105.217



10, 8.355, 143.757



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



16, 30.697, 140.093



21, 41.912, 137.545



16, 21.645, 155.936



7, 1.939, 145.151



31, 53.908, 136.527



75, 104.555, 136.195

Inverse Universe

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



8, 30.793, 328.701



11, 40.947, 329.173



7, 22.900, 354.051



7, 1.940, 325.154



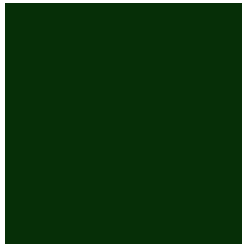
19, 51.663, 329.229



51, 99.222, 329.322

Previews

White Background



This preview shows how the CIELCh color 16, 30.697, 140.093 looks on a white background.

Color Contrast Check

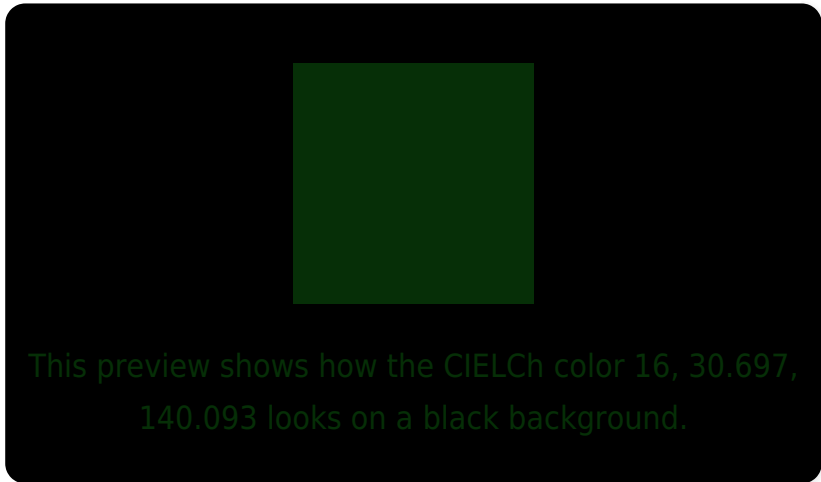
Large Text (above 18pt) WCAG AA ✓ Pass

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

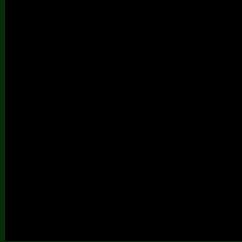
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 30.697, 140.093

Background



This preview shows how black text looks on a background with the CIELCh color 16, 30.697, 140.093.



This preview shows how white text looks on a background with the CIELCh color 16, 30.697, 140.093.

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](#).

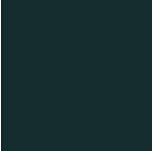
Dichromacy



Original Color
16, 30.697, 140.093

Protanopia
16, 21.241, 97.322

Deuteranopia
16, 18.694, 82.185



Tritanopia
16, 9.640, 210.223

Trichromacy



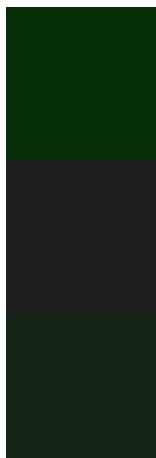
Original Color
16, 30.697, 140.093

Protanomaly
16, 23.393, 121.155

Deuteranomaly
15, 19.868, 114.954

Tritanomaly
16, 15.481, 163.359

Monochromacy



Original Color
16, 30.697, 140.093

Achromatopsia
11, 0.003, 296.813

Achromatomaly
12, 12.558, 143.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 30.697, 140.093 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(6, 47, 7)` looks like.

```
.text, #text, p{  
    color:rgb(6, 47, 7)  
}
```

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(6, 47, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 47, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 30.697, 140.093 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(6, 47, 7) }
```

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

```
.border{ border-color:rgb(6, 47, 7) }
```

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

Here you see how a box with a 4 pixel rgb(6, 47, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 47, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 47, 7); box-shadow:4px  
4px 4px 4px rgb(6, 47, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 16, 30.697, 140.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 47, 7) }
```

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

```
.background{ background-color: rgb(6, 47,  
7) }
```

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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