

Converting Colors

CIELCh(16, 26.233, 139.990)

Have a look what the booklet for
CIELCh(16, 26.233, 139.990)
contains.

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Color

CIELCh(16, 25.924, 140.016)

Conversions

Conversions Part 1

Format	Color
Hex	0E2E0E
RGB	14, 46, 14
RGB Percent	5%, 18%, 5%
CMY	0.9442, 0.8187, 0.9441
CMYK	0.69, 0.00, 0.69, 0.82
HSL	120°, 53%, 12%
HSV	120°, 69%, 18%
XYZ	1.2515, 2.0993, 0.7640
YIQ	32.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

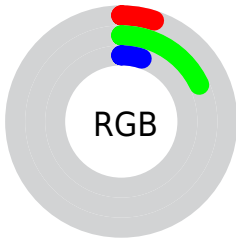
Format	Color
RYB	14, 46, 46
Decimal	929294
CIELab	16.00, -19.86, 16.66
CIELCh	16, 25.924, 140.016
Yxy	2.0993, 0.3041, 0.5102
Android (android.graphics.Color)	4279119374 (0xFF0E2E0E)
YUV	32.7840, -9.2605, -16.4736
Hunter-Lab	14.4890, -9.9380, 7.0159

Details

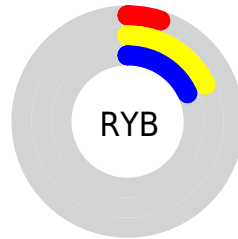
The CIELCh color **16, 25.924, 140.016** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10, 25.841, 327.352**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 25.638, 139.863**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **16, 28.603, 139.873**, and if you desaturate by 10%, it is **16, 22.694, 140.553**.

Distribution



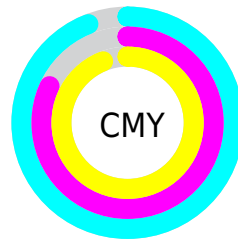
- Red (5%)
- Green (18%)
- Blue (5%)



- Red (5%)
- Yellow (18%)
- Blue (18%)



- Cyan (69%)
- Magenta (0%)
- Yellow (69%)
- Black (82%)





- Cyan (94%)
- Magenta (82%)
- Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 25.924, 140.016 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, 25.924, 140.016 by changing the saturation by 10% instead.

 16, 25.924,
140.016


 16, 25.924,
140.016


 100, 25.924,
140.016


 6, 25.924, 140.016


 36, 25.924,
140.016

 0, 25.924, 140.016

 46, 25.924,
140.016


 56, 25.924,
140.016


 66, 25.924,
140.016


 76, 25.924,
140.016


 86, 25.924,


140.016


 96, 25.924,
140.016

 16, 25.924,
140.016


 16, 25.924,
140.016


 16, 28.603,
139.873


 16, 22.694,
140.553


 16, 31.099,
139.927

 17, 19.077,
141.409

 15, 33.699,
140.130

 17, 15.296,
142.191

 15, 33.902,
140.151

 17, 11.419,
142.890

 18, 7.501, 143.510

■ 18, 3.584, 144.063

■ 19, 0.297, 324.193

■ 20, 4.120, 324.896

■ 20, 7.864, 325.264

Harmonies

Complementary

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



16, 25.924, 140.016



10, 25.841, 327.352

Rectangle

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



16, 25.924, 140.016



16, 25.924, 190.016



16, 25.924, 320.016



16, 25.924, 10.016

Sweetspot

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



16, 25.924, 140.016



24, 10.379, 143.330



18, 20.750, 104.987



11, 6.858, 143.325



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, 25.924, 140.016



22, 37.488, 137.967



16, 17.870, 157.404



7, 1.972, 144.501



31, 54.550, 136.040



75, 104.990, 136.024

Inverse Universe

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



10, 25.841, 327.352



13, 36.792, 327.867



9, 18.885, 350.086



7, 1.975, 324.446



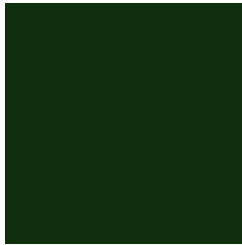
19, 52.616, 328.278



51, 101.220, 328.282

Previews

White Background



This preview shows how the CIELCh color 16, 25.924, 140.016 looks on a white background.

Color Contrast Check

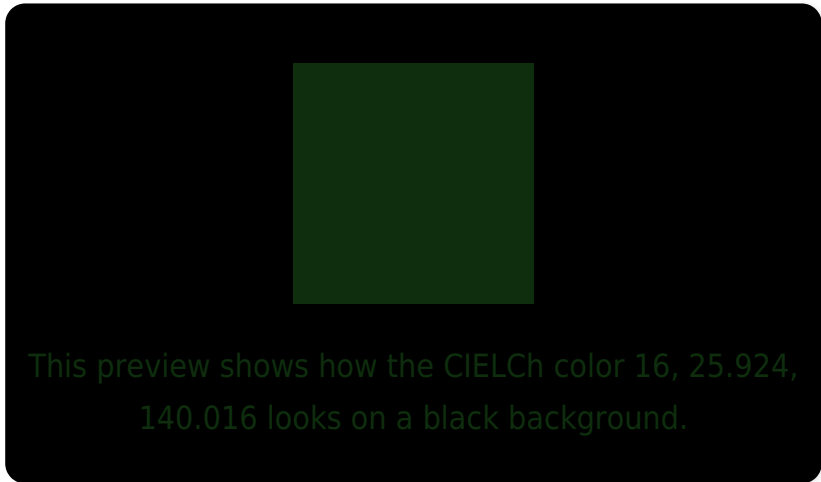
Large Text (above 18pt) WCAG AA ✓ Pass

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

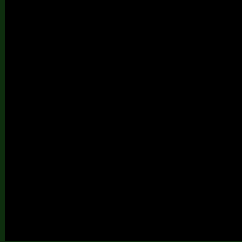
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 25.924, 140.016

Background



This preview shows how black text looks on a background with the CIELCh color 16, 25.924, 140.016.



This preview shows how white text looks on a background with the CIELCh color 16, 25.924, 140.016.

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

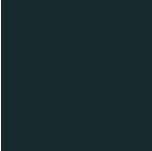
16, 25.924, 140.016

Protanopia

16, 17.932, 96.478

Deuteranopia

16, 16.019, 81.145



Tritanopia
16, 8.479, 217.302

Trichromacy



Original Color
16, 25.924, 140.016

Protanomaly
16, 19.394, 118.355

Deuteranomaly
16, 16.880, 113.186

Tritanomaly
16, 12.464, 166.311

Monochromacy



Original Color
16, 25.924, 140.016

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 10.450, 142.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 25.924, 140.016 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(14, 46, 14)` looks like.

```
.text, #text, p{  
    color:rgb(14, 46, 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(14, 46, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 46, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 25.924, 140.016 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(14, 46, 14) }
```

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

```
.border{ border-color:rgb(14, 46, 14) }
```

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

Here you see how a box with a 4 pixel rgb(14, 46, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 46, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 46, 14);  
box-shadow:4px 4px 4px 4px rgb(14, 46, 14)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 25.924, 140.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 46, 14) }
```

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

```
.background{ background-color: rgb(14, 46,  
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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