

Converting Colors

CIELCh(15, 32.672, 138.055)

Have a look what the booklet for
CIELCh(15, 32.672, 138.055)
contains.

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Color

CIELCh(15, 32.148, 138.385)

Conversions

Conversions Part 1

Format	Color
Hex	052D00
RGB	5, 45, 0
RGB Percent	2%, 18%, 0%
CMY	0.9804, 0.8235, 1.0000
CMYK	0.89, 0.00, 1.00, 0.82
HSL	113°, 100%, 9%
HSV	113°, 100%, 18%
XYZ	1.0007, 1.9086, 0.3154
YIQ	27.9100, -9.3950, -22.4750

Conversions

Conversions Part 2

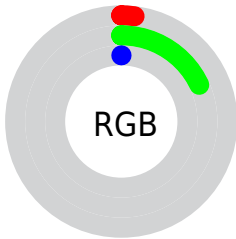
Format	Color
RYB	0, 45, 40
Decimal	339200
CIELab	15.00, -24.03, 21.35
CIElCh	15, 32.148, 138.385
Yxy	1.9086, 0.3103, 0.5919
Android (android.graphics.Color)	4278529280 (0xFF052D00)
YUV	27.9100, -13.7596, -20.0921
Hunter-Lab	13.8151, -11.2471, 8.3168

Details

The CIELCh color **15, 32.148, 138.385** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **6, 33.447, 324.243**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 31.761, 138.415**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 32.146, 138.387**, and if you desaturate by 10%, it is **15, 29.739, 138.286**.

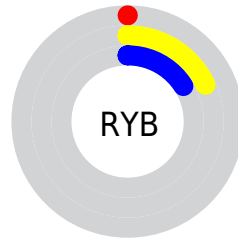
Distribution



Red (2%)

Green (18%)

Blue (0%)



Red (0%)

Yellow (18%)

Blue (16%)

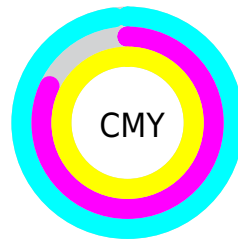


Cyan (89%)

Magenta (0%)

Yellow (100%)

Black (82%)



Cyan (98%)


Magenta (82%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 32.148, 138.385 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 15, 32.148, 138.385 by changing the saturation by 10% instead.

 15, 32.148,
138.385


 15, 32.148,
138.385


 100, 32.148,
138.385


 5, 32.148, 138.385


 35, 32.148,
138.385

 0, 32.148, 138.385

 45, 32.148,
138.385


 55, 32.148,
138.385


 65, 32.148,
138.385


 75, 32.148,
138.385


 85, 32.148,


138.385

 95, 32.148,
138.385


 15, 32.148,
138.385


 15, 32.148,
138.385


 15, 32.146,
138.387

 15, 29.739,
138.286

 15, 27.368,
138.209

 16, 24.801,
138.013

 16, 21.756,
138.172

 16, 18.312,
138.806

■ 17, 14.723,
139.438

■ 17, 11.057,
140.017

■ 17, 7.359, 140.541

■ 18, 3.664, 141.015

Harmonies

Complementary

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



15, 32.148, 138.385



6, 33.447, 324.243

Rectangle

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



15, 32.148, 138.385



15, 32.148, 188.385



15, 32.148, 318.385



15, 32.148, 8.385

Sweetspot

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



15, 32.146, 138.387



23, 13.825, 139.919



16, 23.114, 97.360



10, 9.470, 140.406



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



15, 32.146, 138.387



21, 40.176, 135.729



15, 26.587, 148.969



7, 1.908, 141.553



31, 53.774, 134.913



75, 104.326, 135.538

Inverse Universe

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



6, 33.447, 324.243



9, 40.820, 324.492



6, 26.065, 346.297



7, 1.906, 321.249



17, 53.032, 324.249



47, 102.123, 323.899

Previews

White Background



This preview shows how the CIELCh color 15, 32.148, 138.385 looks on a white background.

Color Contrast Check

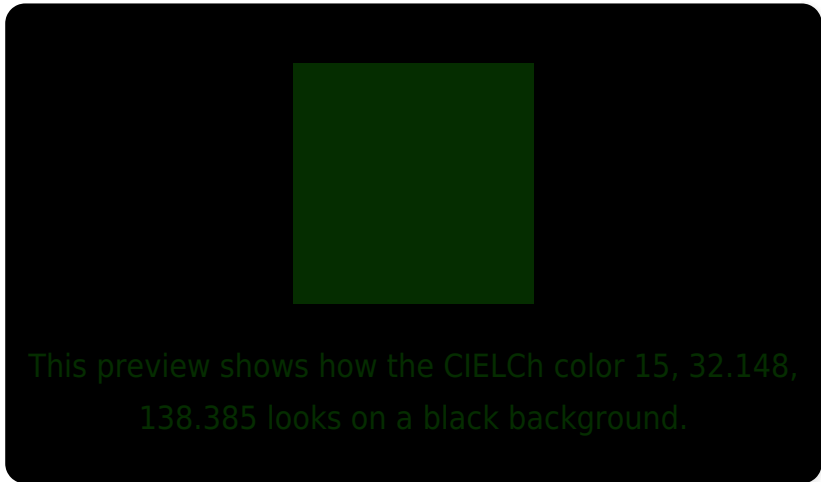
Large Text (above 18pt) WCAG AA ✓ Pass

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

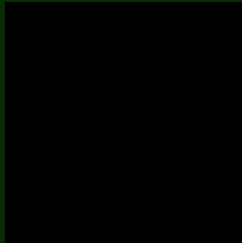
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 32.148, 138.385

Background



This preview shows how black text looks on a background with the CIELCh color 15, 32.148, 138.385.



This preview shows how white text looks on a background with the CIELCh color 15, 32.148, 138.385.

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
15, 32.148, 138.385

Protanopia
15, 22.544, 99.190

Deuteranopia
15, 18.067, 83.306



Tritanopia
15, 9.324, 210.770

Trichromacy



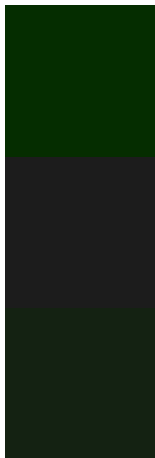
Original Color
15, 32.148, 138.385

Protanomaly
15, 24.632, 120.783

Deuteranomaly
14, 20.373, 116.614

Tritanomaly
15, 16.215, 158.666

Monochromacy



Original Color
15, 32.148, 138.385

Achromatopsia
10, 0.003, 296.813

Achromatomaly
12, 13.436, 139.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 32.148, 138.385 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(5, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(5, 45, 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(5, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 45, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 32.148, 138.385 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(5, 45, 0) }
```

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

```
.border{ border-color:rgb(5, 45, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 45, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 45, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 45, 0); box-shadow:4px  
4px 4px 4px rgb(5, 45, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 32.148, 138.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 45, 0) }
```

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

```
.background{ background-color: rgb(5, 45,  
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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