

Converting Colors

CIELCh(15, 35.483, 136.753)

Have a look what the booklet for
CIELCh(15, 35.483, 136.753)
contains.

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Color

CIELCh(15, 32.546, 139.246)

Conversions

Conversions Part 1

Format	Color
Hex	032D00
RGB	3, 45, 0
RGB Percent	1%, 18%, 0%
CMY	0.9879, 0.8229, 0.9992
CMYK	0.93, 0.00, 1.00, 0.82
HSL	116°, 99%, 9%
HSV	116°, 100%, 18%
XYZ	0.9838, 1.9086, 0.3227
YIQ	27.3120, -10.5870, -22.8990

Conversions

Conversions Part 2

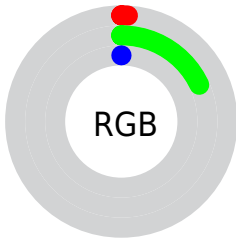
Format	Color
RYB	0, 45, 42
Decimal	208128
CIELab	15.00, -24.65, 21.25
CIELCh	15, 32.546, 139.246
Yxy	1.9086, 0.3060, 0.5936
Android (android.graphics.Color)	4278398208 (0xFF032D00)
YUV	27.3120, -13.4648, -21.3216
Hunter-Lab	13.8151, -11.4652, 8.2857

Details

The CIELCh color **15, 32.546, 139.246** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **6, 33.692, 325.933**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 32.857, 139.443**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 32.667, 139.257**, and if you desaturate by 10%, it is **15, 30.068, 139.085**.

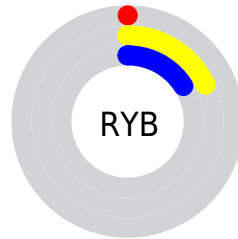
Distribution



Red (1%)

Green (18%)

Blue (0%)



Red (0%)

Yellow (18%)

Blue (16%)

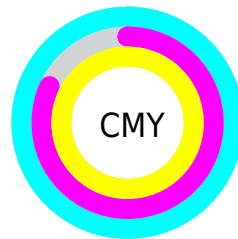


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (82%)



Cyan (99%)


Magenta (82%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 32.546, 139.246 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, 32.546, 139.246 by changing the saturation by 10% instead.

 15, 32.546,
139.246


 15, 32.546,
139.246


 100, 32.546,
139.246


 5, 32.546, 139.246


 35, 32.546,
139.246

 0, 32.546, 139.246

 45, 32.546,
139.246


 55, 32.546,
139.246


 65, 32.546,
139.246


 75, 32.546,
139.246


 85, 32.546,


139.246


 95, 32.546,
139.246


 15, 32.546,
139.246


 15, 32.546,
139.246


 15, 32.667,
139.257

 15, 30.068,
139.085

 15, 27.668,
139.039

 16, 25.066,
138.958

 16, 21.964,
139.239

 16, 18.463,
139.959

■ 17, 14.813,
140.648

■ 17, 11.081,
141.273

■ 18, 7.315, 141.833

■ 18, 3.552, 142.337

Harmonies

Complementary

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



15, 32.546, 139.246



6, 33.692, 325.933

Rectangle

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



15, 32.546, 139.246



15, 32.546, 189.246



15, 32.546, 319.246



15, 32.546, 9.246

Sweetspot

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



15, 32.546, 139.246



23, 14.037, 141.141



17, 24.318, 100.554



10, 9.618, 141.630



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, 32.546, 139.246



21, 40.558, 136.442



15, 25.449, 150.994



7, 1.935, 142.826



31, 54.113, 135.384



75, 104.685, 135.791

Inverse Universe

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



6, 33.692, 325.933



10, 40.682, 326.068



6, 25.335, 349.657



7, 1.936, 322.623



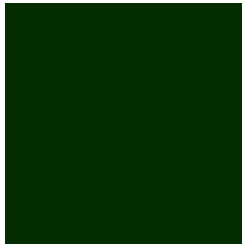
18, 52.835, 325.925



49, 101.689, 325.720

Previews

White Background



This preview shows how the CIELCh color 15, 32.546, 139.246 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

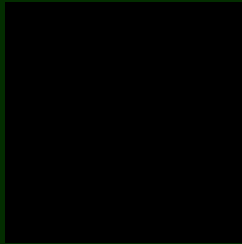
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 32.546, 139.246

Background



This preview shows how black text looks on a background with the CIELCh color 15, 32.546, 139.246.



This preview shows how white text looks on a background with the CIELCh color 15, 32.546, 139.246.

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, 32.546, 139.246

Protanopia

15, 22.629, 97.693

Deuteranopia

15, 18.418, 85.591



Tritanopia
15, 9.324, 210.770

Trichromacy



Original Color
15, 32.546, 139.246

Protanomaly
15, 24.632, 120.783

Deuteranomaly
15, 21.092, 117.546

Tritanomaly
15, 16.463, 159.246

Monochromacy



Original Color
15, 32.546, 139.246

Achromatopsia
10, 0.003, 296.813

Achromatomaly
11, 14.498, 141.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 32.546, 139.246 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(3, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(3, 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(3, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 45, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 32.546, 139.246 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(3, 45, 0) }
```

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

```
.border{ border-color:rgb(3, 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(3, 45, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 45, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 45, 0); box-shadow:4px  
4px 4px 4px rgb(3, 45, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 32.546, 139.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 45, 0) }
```

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

```
.background{ background-color: rgb(3, 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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