

Converting Colors

CIELCh(15, 22.885, 150.375)

Have a look what the booklet for
CIELCh(15, 22.885, 150.375)
contains.

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Color

CIELCh(15, 22.754, 150.511)

Conversions

Conversions Part 1

Format	Color
Hex	062C15
RGB	6, 44, 21
RGB Percent	2%, 17%, 8%
CMY	0.9758, 0.8268, 0.9170
CMYK	0.86, 0.00, 0.52, 0.83
HSL	144°, 75%, 10%
HSV	144°, 86%, 17%
XYZ	1.1210, 1.9086, 1.0263
YIQ	30.0160, -15.2650, -15.2090

Conversions

Conversions Part 2

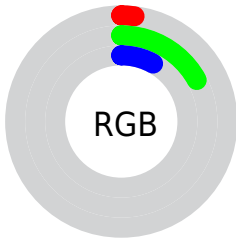
Format	Color
RYB	6, 33, 44
Decimal	404501
CIELab	15.00, -19.81, 11.20
CIELCh	15, 22.754, 150.511
Yxy	1.9086, 0.2764, 0.4706
Android (android.graphics.Color)	4278594581 (0xFF062C15)
YUV	30.0160, -4.4449, -21.0620
Hunter-Lab	13.8151, -9.6920, 5.2661

Details

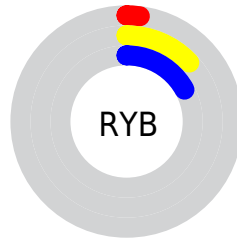
The CIELCh color **15, 22.754, 150.511** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7, 22.752, 345.580**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 22.522, 150.919**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 25.073, 149.715**, and if you desaturate by 10%, it is **15, 20.462, 151.674**.

Distribution



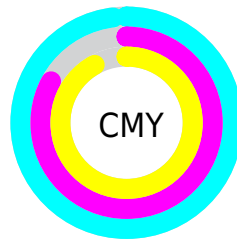
- Red (2%)
- Green (17%)
- Blue (8%)



- Red (2%)
- Yellow (13%)
- Blue (17%)



- Cyan (86%)
- Magenta (0%)
- Yellow (52%)
- Black (83%)





- Cyan (98%)
- Magenta (83%)
- Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 22.754, 150.511 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, 22.754, 150.511 by changing the saturation by 10% instead.

 15, 22.754,
150.511


 15, 22.754,
150.511


 100, 22.754,
150.511


 5, 22.754, 150.511


 35, 22.754,
150.511

 0, 22.754, 150.511

 45, 22.754,
150.511


 55, 22.754,
150.511


 65, 22.754,
150.511


 75, 22.754,
150.511


 85, 22.754,


150.511


 95, 22.754,
150.511


 15, 22.754,
150.511


 15, 22.754,
150.511


 15, 25.073,
149.715


 15, 20.462,
151.674

 15, 25.985,
149.543

 15, 18.078,
152.896

 16, 15.542,
153.993

 16, 12.886,
154.978

 16, 10.144,
155.862

■ 17, 7.347, 156.660

■ 17, 4.523, 157.386

■ 18, 1.696, 158.082

■ 18, 1.114, 338.479

Harmonies

Complementary

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



15, 22.754, 150.511



7, 22.752, 345.580

Rectangle

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



15, 22.754, 150.511



15, 22.754, 200.511



15, 22.754, 330.511



15, 22.754, 20.511

Sweetspot

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



15, 22.754, 150.511



23, 9.317, 156.537



16, 24.405, 123.499



10, 6.389, 156.509



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, 22.754, 150.511



21, 32.083, 147.882



16, 14.402, 183.762



7, 1.502, 157.932



32, 43.091, 146.287



75, 86.768, 144.199

Inverse Universe

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



7, 22.752, 345.580



9, 31.581, 348.128



6, 20.155, 15.684



7, 1.482, 338.814



17, 40.499, 349.968



47, 76.679, 352.741

Previews

White Background



This preview shows how the CIELCh color 15, 22.754, 150.511 looks on a white background.

Color Contrast Check

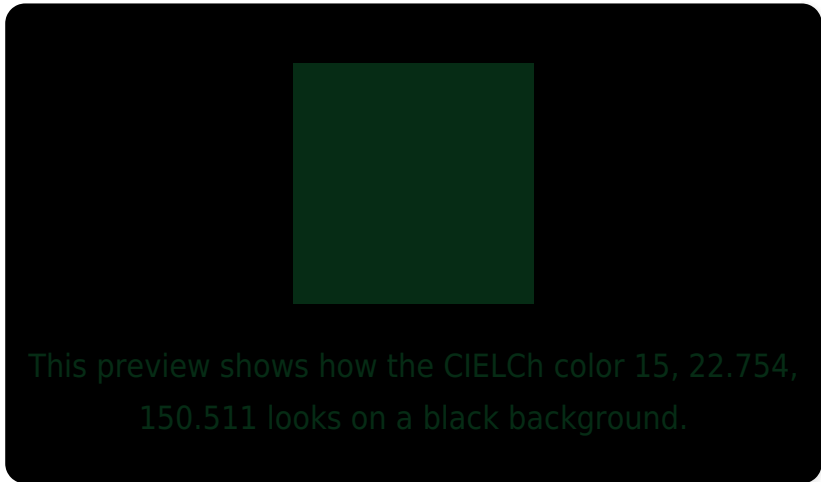
Large Text (above 18pt) WCAG AA ✓ Pass

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

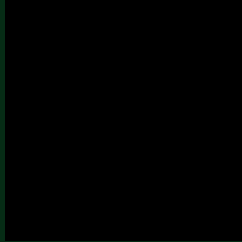
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 22.754, 150.511

Background



This preview shows how black text looks on a background with the CIELCh color 15, 22.754, 150.511.



This preview shows how white text looks on a background with the CIELCh color 15, 22.754, 150.511.

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, 22.754, 150.511

Protanopia
15, 13.318, 96.883

Deuteranopia
15, 10.758, 76.754



Tritanopia
15, 9.620, 210.300

Trichromacy



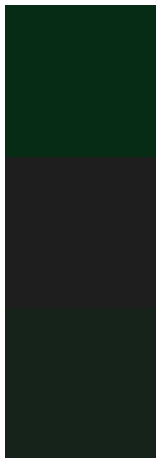
Original Color
15, 22.754, 150.511

Protanomaly
15, 14.978, 128.974

Deuteranomaly
14, 12.383, 124.217

Tritanomaly
15, 13.121, 174.383

Monochromacy



Original Color
15, 22.754, 150.511

Achromatopsia
11, 0.003, 296.813

Achromatomaly
12, 8.982, 157.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 22.754, 150.511 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, 44, 21)` looks like.

```
.text, #text, p{  
    color:rgb(6, 44, 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(6, 44, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 44, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 22.754, 150.511 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, 44, 21) }
```

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

```
.border{ border-color:rgb(6, 44, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 44, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 44, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 44, 21); box-shadow:4px  
4px 4px 4px rgb(6, 44, 21) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 22.754, 150.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 44, 21) }
```

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

```
.background{ background-color: rgb(6, 44,  
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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