

Converting Colors

CIELCh(0, 91.913, 26.207)

Have a look what the booklet for
CIELCh(0, 91.913, 26.207) contains.

CIELCh(15, 41.256, 30.370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(15, 41.256, 30.370)

Conversions

Conversions Part 1	
Format	Color
Hex	540106
RGB	84, 1, 6
RGB Percent	33%, 0%, 2%
CMY	0.6712, 0.9968, 0.9760
CMYK	0.00, 0.99, 0.93, 0.67
HSL	356°, 98%, 17%
HSV	356°, 99%, 33%
XYZ	3.6842, 1.9086, 0.3498
YIQ	26.3870, 47.8630, 19.1510

Conversions

Conversions Part 2

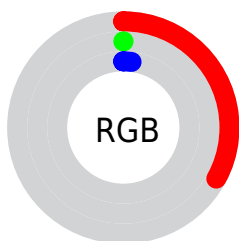
Format	Color
RYB	84, 1, 6
Decimal	5505286
CIELab	15.00, 35.59, 20.86
CIELCh	15, 41.256, 30.370
Yxy	1.9086, 0.6200, 0.3212
Android (android.graphics.Color)	4283695366 (0xFF540106)
YUV	26.3870, -10.0508, 50.5266
Hunter-Lab	13.8151, 23.4262, 8.1692

Details

The CIELCh color **15, 41.256, 30.370** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **32, 23.366, 187.837**, and the grayscale version is **9, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 41.602, 30.346**, and **2, 10.621, 17.229** is the 20% darker color. If you saturate the color by 10%, you get **15, 41.565, 30.405**, and if you desaturate by 10%, it is **16, 38.103, 29.570**.

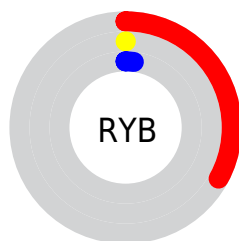
Distribution



Red (33%)

Green (0%)

Blue (2%)



Red (33%)

Yellow (0%)

Blue (2%)

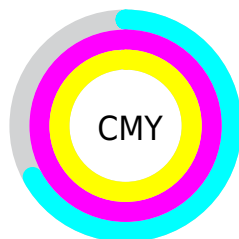


Cyan (0%)

Magenta (99%)

Yellow (93%)

Black (67%)



Cyan (67%)

Magenta (100%)

Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 41.256, 30.370 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, 41.256, 30.370 by changing the saturation by 10% instead.

 15, 41.256, 30.370

 15, 41.256, 30.370

 100, 41.256,
30.370

 5, 41.256, 30.370

 0, 41.256, 30.370

 35, 41.256, 30.370

 45, 41.256, 30.370

 55, 41.256, 30.370

 65, 41.256, 30.370

 75, 41.256, 30.370

 85, 41.256, 30.370

 95, 41.256, 30.370

15, 41.256, 30.370

15, 41.256, 30.370

15, 41.565, 30.405

16, 38.103, 29.570

17, 34.260, 26.949

19, 29.758, 23.898

21, 25.107, 21.415

23, 20.439, 19.429

25, 15.864, 17.846

28, 11.463, 16.576

30, 7.283, 15.542

33, 3.345, 14.661

Harmonies

Complementary

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



15, 41.256, 30.370



32, 23.366, 187.837

Rectangle

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



15, 41.256, 30.370



15, 41.256, 80.370



15, 41.256, 210.370



15, 41.256, 260.370

Sweetspot

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



15, 41.254, 30.372



36, 14.880, 16.813



17, 51.350, 325.820



17, 10.311, 17.127



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



15, 41.254, 30.372



21, 52.268, 34.301



21, 35.793, 56.773



15, 2.024, 14.633



20, 50.207, 33.730



49, 94.834, 38.020

Inverse Universe

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



15, 41.254, 30.372



21, 52.268, 34.301



19, 25.967, 271.940



15, 2.024, 14.633



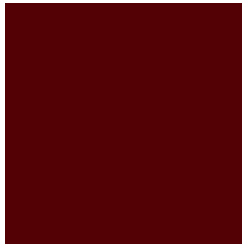
20, 50.207, 33.730



49, 94.834, 38.020

Previews

White Background



This preview shows how the CIE LCh color 15, 41.256, 30.370 looks on a white background.

Color Contrast Check

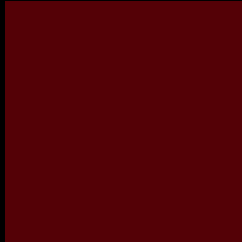
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 15, 41.256, 30.370 looks on a 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, 41.256, 30.370

Background



This preview shows how black text looks on a background with the CIELCh color 15, 41.256, 30.370.

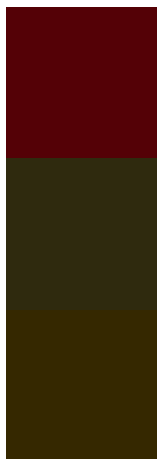


This preview shows how white text looks on a background with the CIELCh color 15, 41.256, 30.370.

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, 41.306, 30.542

Protanopia

17, 18.650, 96.723

Deuteranopia

17, 24.520, 86.704



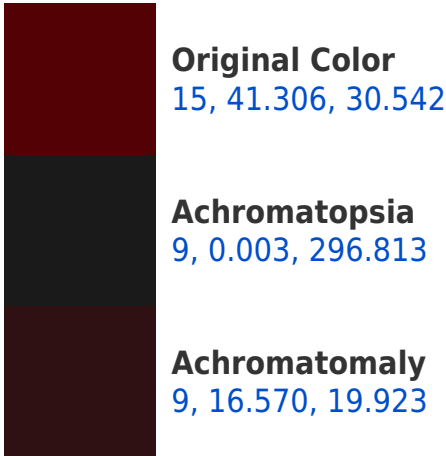
Tritanopia

16, 40.608, 36.255

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 41.256, 30.370 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(84, 1, 6)` looks like.

```
.text, #text, p{  
    color:rgb(84, 1, 6)  
}
```

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(84, 1, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 1, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 41.256, 30.370 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(84, 1, 6) }
```

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

```
.border{ border-color:rgb(84, 1, 6) }
```

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

Here you see how a box with a 4 pixel rgb(84, 1, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 1, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 1, 6); box-shadow:4px  
4px 4px 4px rgb(84, 1, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 41.256, 30.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 1, 6) }
```

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

```
.background{ background-color: rgb(84, 1,  
6) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor