

Converting Colors

CIELCh(15, 27.697, 43.124)

Have a look what the booklet for
CIELCh(15, 27.697, 43.124) contains.

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Color

CIELCh(15, 27.697, 43.124)

Conversions

Conversions Part 1

Format	Color
Hex	441809
RGB	68, 24, 9
RGB Percent	27%, 9%, 4%
CMY	0.7330, 0.9056, 0.9642
CMYK	0.00, 0.65, 0.87, 0.73
HSL	15°, 76%, 15%
HSV	15°, 87%, 27%
XYZ	2.7682, 1.9086, 0.4844
YIQ	35.4460, 31.0390, 4.6630

Conversions

Conversions Part 2

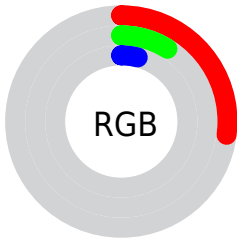
Format	Color
RYB	68, 29, 9
Decimal	4462601
CIELab	15.00, 20.22, 18.93
CIElCh	15, 27.697, 43.124
Yxy	1.9086, 0.5364, 0.3698
Android (android.graphics.Color)	4282652681 (0xFF441809)
YUV	35.4460, -13.0379, 28.5499
Hunter-Lab	13.8151, 11.5907, 7.5916

Details

The CIELCh color **15, 27.697, 43.124** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20, 15.917, 237.786**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 27.715, 43.385**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 30.389, 41.669**, and if you desaturate by 10%, it is **16, 24.684, 44.688**.

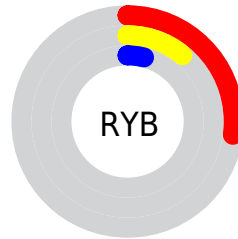
Distribution



Red (27%)

Green (9%)

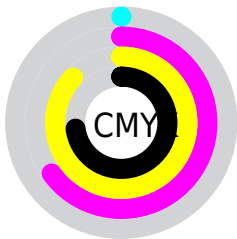
Blue (4%)



Red (27%)

Yellow (11%)

Blue (4%)

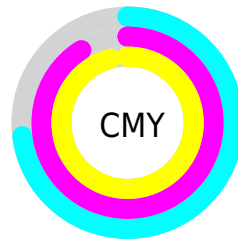


Cyan (0%)

Magenta (65%)

Yellow (87%)

Black (73%)



Cyan (73%)

Magenta (91%)

Yellow (96%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 27.697, 43.124 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, 27.697, 43.124 by changing the saturation by 10% instead.

 15, 27.697, 43.124

 15, 27.697, 43.124

 100, 27.697,
43.124

 5, 27.697, 43.124

 35, 27.697, 43.124

 0, 27.697, 43.124

 45, 27.697, 43.124

 55, 27.697, 43.124

 65, 27.697, 43.124

 75, 27.697, 43.124

 85, 27.697, 43.124

 95, 27.697, 43.124

■ 15, 27.697, 43.124

■ 15, 27.697, 43.124

■ 14, 30.389, 41.669

■ 16, 24.684, 44.688

■ 13, 31.280, 41.354

■ 18, 20.974, 44.832

■ 19, 17.234, 44.668

■ 21, 13.697, 44.638

■ 22, 10.377, 44.729

■ 24, 7.275, 44.922

■ 26, 4.381, 45.189

■ 28, 1.682, 45.457

■ 30, 0.839, 226.303

Harmonies

Complementary

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



15, 27.697, 43.124



20, 15.917, 237.786

Rectangle

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



15, 27.697, 43.124



15, 27.697, 93.124



15, 27.697, 223.124



15, 27.697, 273.124

Sweetspot

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



15, 27.696, 43.127



32, 8.918, 44.910



14, 34.525, 338.436



15, 6.131, 44.875



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



15, 27.696, 43.127



19, 40.979, 44.008



23, 28.352, 87.256



12, 1.395, 45.419



21, 44.296, 44.578



50, 88.316, 45.028

Inverse Universe

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



20, 15.917, 237.786



26, 20.963, 243.290



10, 32.359, 293.567



12, 1.337, 226.374



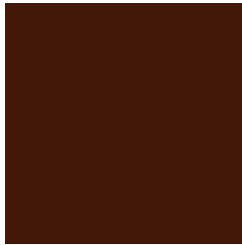
28, 22.251, 243.830



64, 41.868, 247.665

Previews

White Background



This preview shows how the CIE LCh color 15, 27.697, 43.124 looks on a white background.

Color Contrast Check

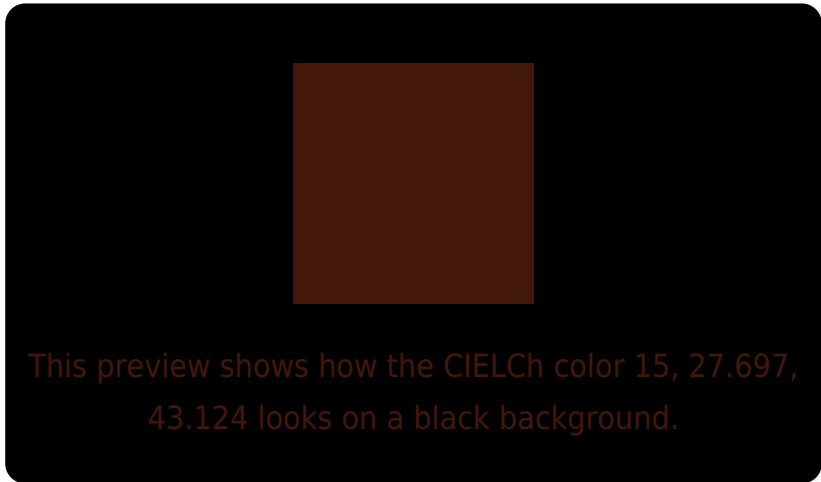
Large Text (above 18pt) WCAG AA ✓ Pass

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

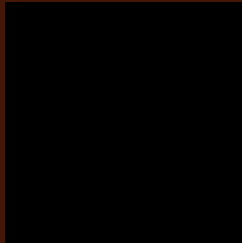
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 27.697, 43.124

Background



This preview shows how black text looks on a background with the CIELCh color 15, 27.697, 43.124.

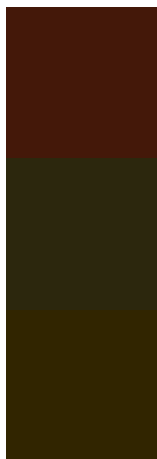


This preview shows how white text looks on a background with the CIELCh color 15, 27.697, 43.124.

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, 27.697, 43.124

Protanopia

16, 17.320, 96.276

Deuteranopia

15, 22.514, 86.975



Tritanopia
15, 24.709, 25.753

Trichromacy



Original Color
15, 27.697, 43.124

Protanomaly
15, 18.469, 69.765

Deuteranomaly
15, 22.570, 67.188

Tritanomaly
15, 25.976, 32.765

Monochromacy



Original Color
15, 27.697, 43.124

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 9.829, 46.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 27.697, 43.124 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(68, 24, 9)` looks like.

```
.text, #text, p{  
    color:rgb(68, 24, 9)  
}
```

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(68, 24, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 24, 9) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 27.697, 43.124 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(68, 24, 9) }
```

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

```
.border{ border-color:rgb(68, 24, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 24, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 24, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(68, 24, 9); box-shadow:4px  
4px 4px 4px rgb(68, 24, 9) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 27.697, 43.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 24, 9) }
```

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

```
.background{ background-color: rgb(68, 24,  
9) }
```

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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