

Converting Colors

CIELCh(15, 39.224, 27.332)

Have a look what the booklet for
CIELCh(15, 39.224, 27.332) contains.

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Color

CIELCh(15, 39.253, 27.419)

Conversions

Conversions Part 1

Format	Color
Hex	53030D
RGB	83, 3, 13
RGB Percent	33%, 1%, 5%
CMY	0.6759, 0.9896, 0.9506
CMYK	0.00, 0.97, 0.85, 0.68
HSL	353°, 94%, 17%
HSV	353°, 97%, 32%
XYZ	3.6354, 1.9086, 0.5444
YIQ	28.0600, 44.4700, 20.0700

Conversions

Conversions Part 2

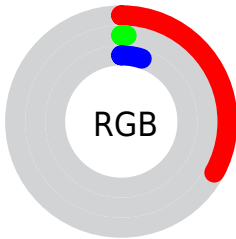
Format	Color
R_{YB}	83, 3, 13
Decimal	5440269
CIE _{Lab}	15.00, 34.84, 18.08
CIE _{LCh}	15, 39.253, 27.419
Yxy	1.9086, 0.5971, 0.3135
Android (android.graphics.Color)	4283630349 (0xFF53030D)
YUV	28.0600, -7.4246, 48.1824
Hunter-Lab	13.8151, 22.7949, 7.3344

Details

The CIELCh color **15, 39.253, 27.419** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **31, 24.289, 180.765**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 39.253, 26.859**, and **2, 10.025, 17.100** is the 20% darker color. If you saturate the color by 10%, you get **15, 40.253, 27.611**, and if you desaturate by 10%, it is **16, 35.937, 25.278**.

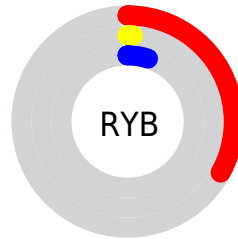
Distribution



Red (33%)

Green (1%)

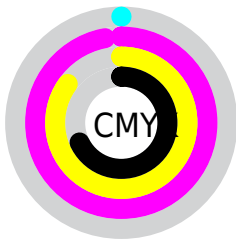
Blue (5%)



Red (33%)

Yellow (1%)

Blue (5%)

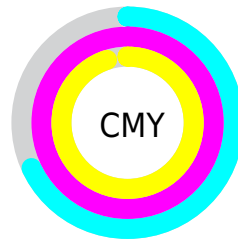


Cyan (0%)

Magenta (97%)

Yellow (85%)

Black (68%)



Cyan (68%)

Magenta (99%)

Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 39.253, 27.419 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, 39.253, 27.419 by changing the saturation by 10% instead.

 15, 39.253, 27.419

 15, 39.253, 27.419

 100, 39.253,
27.419

 5, 39.253, 27.419

 35, 39.253, 27.419

 0, 39.253, 27.419

 45, 39.253, 27.419

 55, 39.253, 27.419

 65, 39.253, 27.419

 75, 39.253, 27.419

 85, 39.253, 27.419

 95, 39.253, 27.419

■ 15, 39.253, 27.419

■ 15, 39.253, 27.419

■ 15, 40.253, 27.611

■ 16, 35.937, 25.278

■ 17, 32.070, 21.747

■ 19, 27.874, 18.770

■ 21, 23.492, 16.367

■ 23, 19.052, 14.437

■ 26, 14.668, 12.877

■ 28, 10.419, 11.600

■ 31, 6.355, 10.533

■ 33, 2.500, 9.585

Harmonies

Complementary

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



15, 39.253, 27.419



31, 24.289, 180.765

Rectangle

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



15, 39.253, 27.419



15, 39.253, 77.419



15, 39.253, 207.419



15, 39.253, 257.419

Sweetspot

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



15, 39.251, 27.421



36, 14.084, 11.982



16, 50.401, 323.496



16, 9.610, 12.291



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



15, 39.251, 27.421



21, 49.907, 31.339



19, 35.320, 51.556



15, 2.045, 9.767



20, 48.933, 31.068



49, 91.684, 35.227

Inverse Universe

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



15, 39.251, 27.421



21, 49.907, 31.339



21, 22.417, 261.651



15, 2.045, 9.767



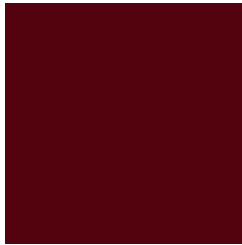
20, 48.933, 31.068



49, 91.684, 35.227

Previews

White Background



This preview shows how the CIE LCh color 15, 39.253, 27.419 looks on a white background.

Color Contrast Check

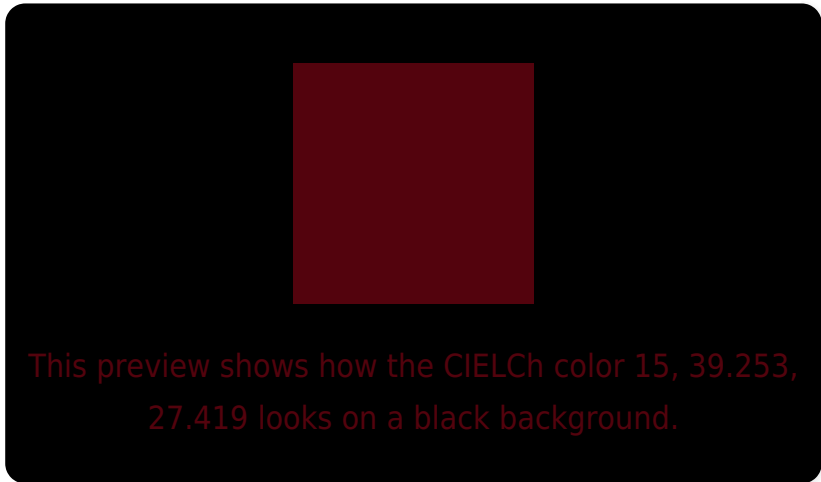
Large Text (above 18pt) WCAG AA ✓ Pass

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

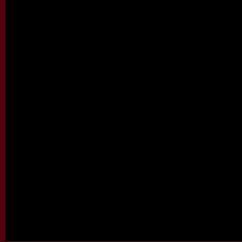
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 39.253, 27.419

Background



This preview shows how black text looks on a background with the CIELCh color 15, 39.253, 27.419.



This preview shows how white text looks on a background with the CIELCh color 15, 39.253, 27.419.

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, 39.253, 27.419

Protanopia

17, 14.476, 97.647

Deuteranopia

17, 24.520, 86.704



Tritanopia
15, 40.310, 35.688

Trichromacy



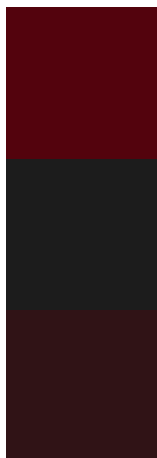
Original Color
15, 39.253, 27.419

Protanomaly
14, 19.472, 43.716

Deuteranomaly
15, 26.178, 49.722

Tritanomaly
15, 39.742, 32.332

Monochromacy



Original Color
15, 39.253, 27.419

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 15.856, 17.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 39.253, 27.419 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(83, 3, 13)` looks like.

```
.text, #text, p{  
  color:rgb(83, 3, 13)  
}
```

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(83, 3, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 3, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 39.253, 27.419 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(83, 3, 13) }
```

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

```
.border{ border-color:rgb(83, 3, 13) }
```

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

Here you see how a box with a 4 pixel rgb(83, 3, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 3, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(83, 3, 13); box-shadow:4px  
4px 4px 4px rgb(83, 3, 13) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 39.253, 27.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 3, 13) }
```

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

```
.background{ background-color: rgb(83, 3,  
13) }
```

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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