

Converting Colors

CIELCh(15, 35.923, 335.055)

Have a look what the booklet for
CIELCh(15, 35.923, 335.055)
contains.

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Color

CIELCh(15, 36.248, 334.437)

Conversions

Conversions Part 1

Format	Color
Hex	460C3C
RGB	70, 12, 60
RGB Percent	27%, 5%, 24%
CMY	0.7246, 0.9519, 0.7639
CMYK	0.00, 0.83, 0.14, 0.72
HSL	310°, 70%, 16%
HSV	310°, 83%, 28%
XYZ	3.4984, 1.9086, 4.4885
YIQ	34.8140, 19.1600, 27.2240

Conversions

Conversions Part 2

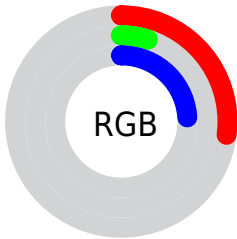
Format	Color
RYB	70, 12, 60
Decimal	4590652
CIELab	15.00, 32.70, -15.64
CIElCh	15, 36.248, 334.437
Yxy	1.9086, 0.3535, 0.1929
Android (android.graphics.Color)	4282780732 (0xFF460C3C)
YUV	34.8140, 12.4167, 30.8581
Hunter-Lab	13.8151, 21.0245, -9.5927




Details

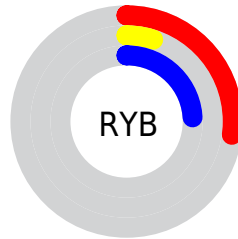
The CIELCh color **15, 36.248, 334.437** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 37.659, 141.891**, and the grayscale version is **14, 0.003, 296.813**.




A 20% lighter version of the original color is **35, 36.525, 334.338**, and **1, 8.885, 328.626** is the 20% darker color. If you saturate the color by 10%, you get **14, 38.583, 335.088**, and if you desaturate by 10%, it is **16, 33.313, 333.798**.

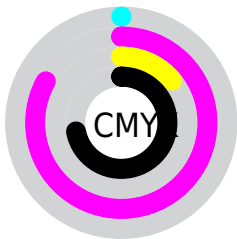
Distribution







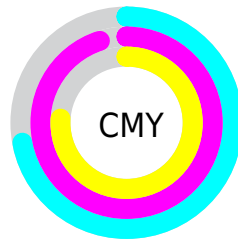
-  Red (27%)
-  Green (5%)
-  Blue (24%)






-  Red (27%)
-  Yellow (5%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (83%)
-  Yellow (14%)
-  Black (72%)





-  Cyan (72%)
-  Magenta (95%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 36.248, 334.437 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, 36.248, 334.437 by changing the saturation by 10% instead.

 15, 36.248,
334.437


 15, 36.248,
334.437


 100, 36.248,
334.437


 5, 36.248, 334.437


 35, 36.248,
334.437

 0, 36.248, 334.437

 45, 36.248,
334.437


 55, 36.248,
334.437


 65, 36.248,
334.437


 75, 36.248,
334.437

 85, 36.248,

334.437


 95, 36.248,
334.437


 15, 36.248,
334.437


 15, 36.248,
334.437


 14, 38.583,
335.088


 16, 33.313,
333.798

 13, 40.447,
335.539

 18, 29.658,
333.180

 19, 25.453,
332.576

 21, 20.866,
331.981

 23, 16.048,
331.396

■ 25, 11.116,
330.820

■ 27, 6.159, 330.252

■ 29, 1.238, 329.618

■ 31, 3.604, 149.249

Harmonies

Complementary

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



15, 36.248, 334.437



25, 37.659, 141.891

Rectangle

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



15, 36.248, 334.437



15, 36.248, 24.437



15, 36.248, 154.437



15, 36.248, 204.437

Sweetspot

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



15, 36.247, 334.437



32, 15.412, 331.020



8, 42.022, 305.034



14, 10.361, 331.109



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, 36.247, 334.437



19, 48.084, 335.823



14, 28.883, 6.402



13, 2.770, 330.027



21, 51.012, 335.985



52, 92.324, 336.679

Inverse Universe

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



15, 36.247, 334.437



19, 48.084, 335.823



26, 24.446, 164.549



13, 2.770, 330.027



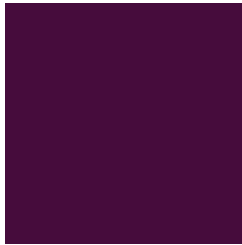
21, 51.012, 335.985



52, 92.324, 336.679

Previews

White Background



This preview shows how the CIE LCh color 15, 36.248, 334.437 looks on a white background.

Color Contrast Check

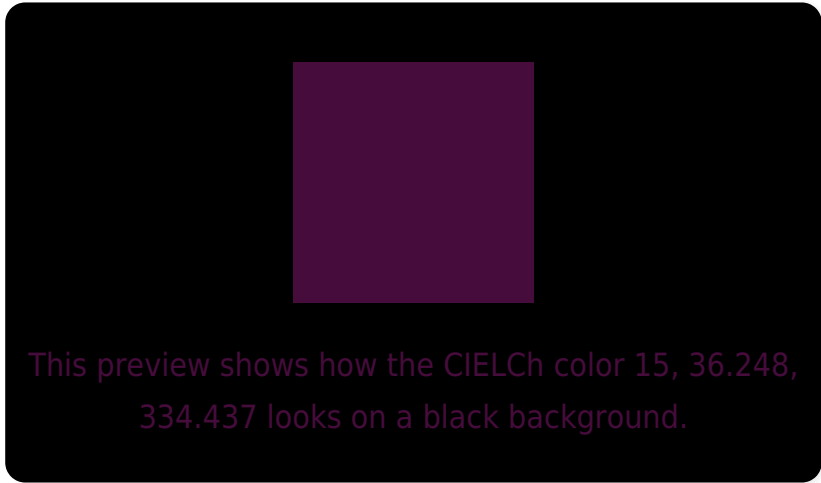
Large Text (above 18pt) WCAG AA ✓ Pass

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

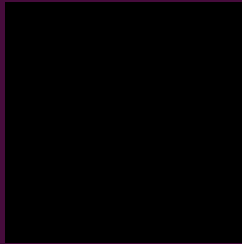
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 36.248, 334.437

Background



This preview shows how black text looks on a background with the CIELCh color 15, 36.248, 334.437.



This preview shows how white text looks on a background with the CIELCh color 15, 36.248, 334.437.

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, 36.248, 334.437

Protanopia

15, 31.234, 283.373

Deuteranopia

16, 12.045, 281.792



Tritanopia
16, 21.875, 24.278

Trichromacy



Original Color
15, 36.248, 334.437

Protanomaly
13, 32.027, 296.983

Deuteranomaly
15, 20.995, 314.562

Tritanomaly
15, 24.643, 359.055

Monochromacy



Original Color
15, 36.248, 334.437

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 15.434, 332.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 36.248, 334.437 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(70, 12, 60)` looks like.

```
.text, #text, p{  
    color:rgb(70, 12, 60)  
}
```

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(70, 12, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 12, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 36.248, 334.437 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(70, 12, 60) }
```

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

```
.border{ border-color:rgb(70, 12, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 12, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 12, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 12, 60);  
box-shadow:4px 4px 4px 4px rgb(70, 12, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 36.248, 334.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 12, 60) }
```

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

```
.background{ background-color: rgb(70, 12,  
60) }
```

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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