

Converting Colors

CIELCh(15, 27.724, 347.247)

Have a look what the booklet for
CIELCh(15, 27.724, 347.247)
contains.

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Color

CIELCh(15, 27.573, 346.794)

Conversions

Conversions Part 1

Format	Color
Hex	44132F
RGB	68, 19, 47
RGB Percent	27%, 7%, 18%
CMY	0.7329, 0.9250, 0.8153
CMYK	0.00, 0.72, 0.31, 0.73
HSL	326°, 56%, 17%
HSV	326°, 72%, 27%
XYZ	3.1417, 1.9086, 2.9029
YIQ	36.8430, 20.2160, 19.0960

Conversions

Conversions Part 2

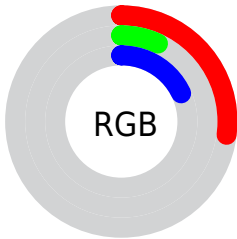
Format	Color
RYB	68, 19, 47
Decimal	4461359
CIELab	15.00, 26.84, -6.30
CIELCh	15, 27.573, 346.794
Yxy	1.9086, 0.3950, 0.2400
Android (android.graphics.Color)	4282651439 (0xFF44132F)
YUV	36.8430, 5.0074, 27.3247
Hunter-Lab	13.8151, 16.4162, -2.7875




Details

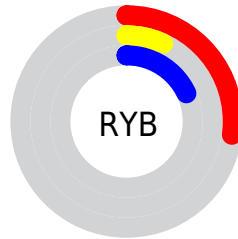
The CIELCh color **15, 27.573, 346.794** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 26.913, 152.860**, and the grayscale version is **15, 0.003, 296.813**.




A 20% lighter version of the original color is **35, 27.741, 346.340**, and **1, 3.677, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **14, 30.145, 348.378**, and if you desaturate by 10%, it is **16, 24.404, 345.459**.

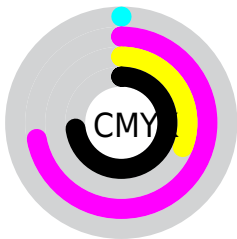
Distribution







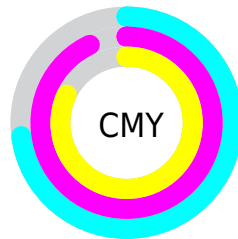
-  Red (27%)
-  Green (7%)
-  Blue (18%)






-  Red (27%)
-  Yellow (7%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (72%)
-  Yellow (31%)
-  Black (73%)




-  Cyan (73%)
-  Magenta (93%)
-  Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 27.573, 346.794 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, 27.573, 346.794 by changing the saturation by 10% instead.

 15, 27.573,
346.794


 15, 27.573,
346.794


 100, 27.573,
346.794


 5, 27.573, 346.794


 35, 27.573,
346.794

 0, 27.573, 346.794

 45, 27.573,
346.794


 55, 27.573,
346.794


 65, 27.573,
346.794


 75, 27.573,
346.794


 85, 27.573,


346.794


 95, 27.573,
346.794


 15, 27.573,
346.794


 15, 27.573,
346.794


 14, 30.145,
348.378


 16, 24.404,
345.459

 13, 32.227,
350.150

 18, 20.806,
344.309

 12, 34.102,
351.413

 20, 16.931,
343.296

 22, 12.907,
342.389

 24, 8.830, 341.563

■ 26, 4.769, 340.794

■ 28, 0.769, 339.906

■ 31, 3.143, 159.547

■ 33, 6.951, 158.913

Harmonies

Complementary

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



15, 27.573, 346.794



25, 26.913, 152.860

Rectangle

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



15, 27.573, 346.794



15, 27.573, 36.794



15, 27.573, 166.794



15, 27.573, 216.794

Sweetspot

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



15, 27.572, 346.795



32, 11.090, 341.642



11, 35.365, 309.908



15, 7.520, 341.729



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, 27.572, 346.795



19, 37.986, 349.815



14, 25.924, 22.650



12, 2.166, 340.532



19, 42.962, 353.158



49, 78.267, 355.908

Inverse Universe

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



15, 27.572, 346.795



19, 37.986, 349.815



26, 17.423, 187.700



12, 2.166, 340.532



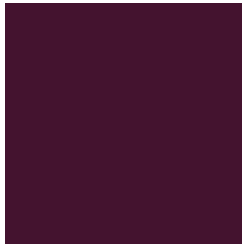
19, 42.962, 353.158



49, 78.267, 355.908

Previews

White Background



This preview shows how the CIE LCh color 15, 27.573, 346.794 looks on a white background.

Color Contrast Check

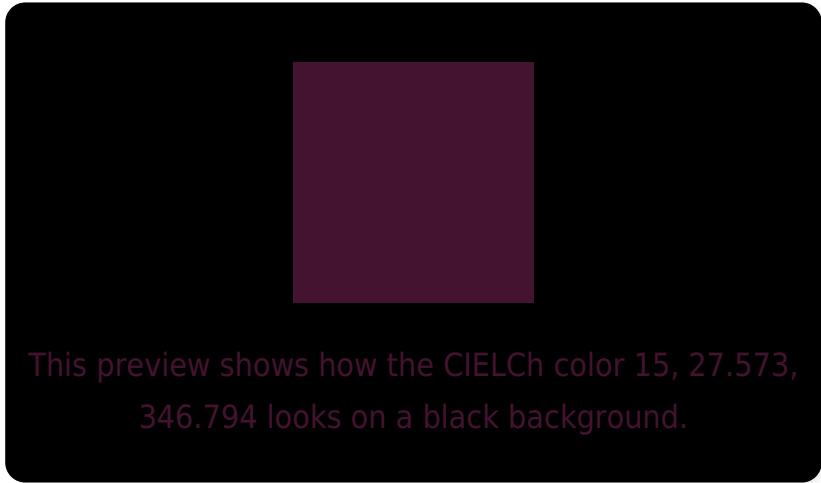
Large Text (above 18pt) WCAG AA ✓ Pass

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

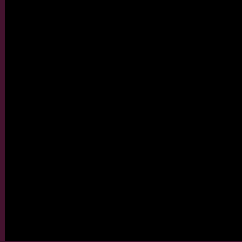
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 27.573, 346.794

Background



This preview shows how black text looks on a background with the CIELCh color 15, 27.573, 346.794.



This preview shows how white text looks on a background with the CIELCh color 15, 27.573, 346.794.

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, 27.573, 346.794

Protanopia

16, 15.588, 283.127

Deuteranopia

16, 4.470, 309.556



Tritanopia
15, 22.479, 24.635

Trichromacy



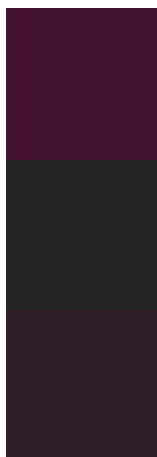
Original Color
15, 27.573, 346.794

Protanomaly
15, 17.775, 310.883

Deuteranomaly
15, 13.540, 336.681

Tritanomaly
15, 22.731, 8.299

Monochromacy



Original Color
15, 27.573, 346.794

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 11.596, 340.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 27.573, 346.794 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, 19, 47)` looks like.

```
.text, #text, p{  
    color:rgb(68, 19, 47)  
}
```

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, 19, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 19, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 27.573, 346.794 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, 19, 47) }
```

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

```
.border{ border-color:rgb(68, 19, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 19, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 19, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 19, 47);  
box-shadow:4px 4px 4px 4px rgb(68, 19, 47)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 27.573, 346.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 19, 47) }
```

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

```
.background{ background-color: rgb(68, 19,  
47) }
```

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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