

Converting Colors

CIELCh(15, 34.223, 329.866)

Have a look what the booklet for
CIELCh(15, 34.223, 329.866)
contains.

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Color

CIELCh(15, 34.303, 330.338)

Conversions

Conversions Part 1

Format	Color
Hex	42113E
RGB	66, 17, 62
RGB Percent	26%, 7%, 24%
CMY	0.7411, 0.9332, 0.7568
CMYK	0.00, 0.74, 0.06, 0.74
HSL	305°, 59%, 16%
HSV	305°, 74%, 26%
XYZ	3.3190, 1.9086, 4.7538
YIQ	36.7810, 14.7590, 24.3830

Conversions

Conversions Part 2

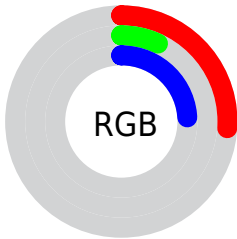
Format	Color
R_{YB}	66, 17, 62
Decimal	4329790
CIE _{Lab}	15.00, 29.81, -16.98
CIE _{LCh}	15, 34.303, 330.338
Yxy	1.9086, 0.3325, 0.1912
Android (android.graphics.Color)	4282519870 (0xFF42113E)
YUV	36.7810, 12.4330, 25.6251
Hunter-Lab	13.8151, 18.7075, -10.7309

Details

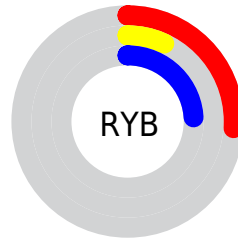
The CIELCh color **15, 34.303, 330.338** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 35.023, 140.580**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 34.428, 330.269**, and **1, 8.752, 312.741** is the 20% darker color. If you saturate the color by 10%, you get **14, 37.227, 330.746**, and if you desaturate by 10%, it is **16, 30.667, 329.900**.

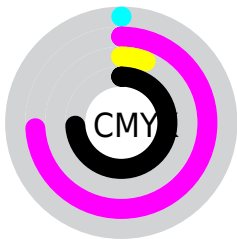
Distribution



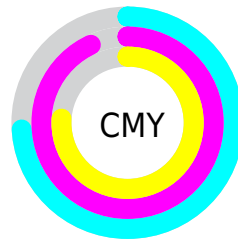
- Red (26%)
- Green (7%)
- Blue (24%)



- Red (26%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (74%)
- Yellow (6%)
- Black (74%)





- Cyan (74%)
- Magenta (93%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 34.303, 330.338 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, 34.303, 330.338 by changing the saturation by 10% instead.

 15, 34.303,
330.338


 15, 34.303,
330.338


 100, 34.303,
330.338


 5, 34.303, 330.338


 35, 34.303,
330.338

 0, 34.303, 330.338

 45, 34.303,
330.338


 55, 34.303,
330.338


 65, 34.303,
330.338


 75, 34.303,
330.338


 85, 34.303,


330.338


 95, 34.303,
330.338

 15, 34.303,
330.338


 15, 34.303,
330.338

 14, 37.227,
330.746

 16, 30.667,
329.900


 13, 39.801,
331.130

 18, 26.478,
329.435

 13, 41.398,
331.344

 19, 21.894,
328.948

 21, 17.058,
328.446

 23, 12.089,
327.935

■ 25, 7.077, 327.420

■ 27, 2.088, 326.874

■ 29, 2.832, 146.486

■ 31, 7.655, 145.980

Harmonies

Complementary

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



15, 34.303, 330.338



24, 35.023, 140.580

Rectangle

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



15, 34.303, 330.338



15, 34.303, 20.338



15, 34.303, 150.338



15, 34.303, 200.338

Sweetspot

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



15, 34.302, 330.338



31, 13.773, 327.871



9, 35.993, 301.958



14, 9.109, 327.915



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



15, 34.302, 330.338



19, 46.988, 331.076



14, 25.910, 356.373



12, 2.771, 327.120



21, 53.564, 331.544



52, 98.334, 331.824

Inverse Universe

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



15, 34.302, 330.338



19, 46.988, 331.076



24, 23.745, 159.631



12, 2.771, 327.120



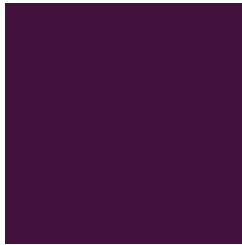
21, 53.564, 331.544



52, 98.334, 331.824

Previews

White Background



This preview shows how the CIE LCh color 15, 34.303, 330.338 looks on a white background.

Color Contrast Check

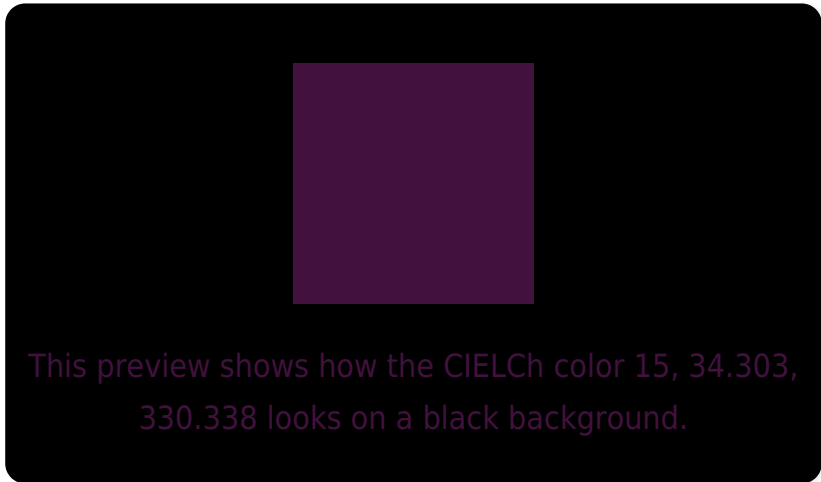
Large Text (above 18pt) WCAG AA ✓ Pass

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

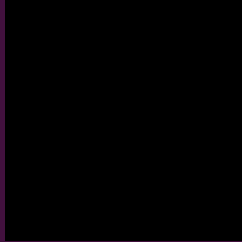
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 34.303, 330.338

Background



This preview shows how black text looks on a background with the CIELCh color 15, 34.303, 330.338.



This preview shows how white text looks on a background with the CIELCh color 15, 34.303, 330.338.

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, 34.303, 330.338

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 14.239, 281.474



Tritanopia
15, 18.449, 20.664

Trichromacy



Original Color
15, 34.303, 330.338

Protanomaly
13, 31.298, 295.243

Deuteranomaly
15, 21.218, 309.524

Tritanomaly
15, 21.998, 353.009

Monochromacy



Original Color
15, 34.303, 330.338

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 14.014, 329.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 34.303, 330.338 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(66, 17, 62)` looks like.

```
.text, #text, p{  
    color:rgb(66, 17, 62)  
}
```

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(66, 17, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 17, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 34.303, 330.338 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(66, 17, 62) }
```

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

```
.border{ border-color:rgb(66, 17, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 17, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 17, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 17, 62);  
box-shadow:4px 4px 4px 4px rgb(66, 17, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 34.303, 330.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 17, 62) }
```

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

```
.background{ background-color: rgb(66, 17,  
62) }
```

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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