

Converting Colors

CIELCh(15, 26.936, 333.350)

Have a look what the booklet for
CIELCh(15, 26.936, 333.350)
contains.

CIELCh(15, 26.834, 333.382)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(15, 26.834, 333.382)

Conversions

Conversions Part 1

Format	Color
Hex	3E1737
RGB	62, 23, 55
RGB Percent	24%, 9%, 22%
CMY	0.7571, 0.9100, 0.7845
CMYK	0.00, 0.63, 0.11, 0.76
HSL	311°, 46%, 17%
HSV	311°, 63%, 24%
XYZ	2.9770, 1.9086, 3.8196
YIQ	38.3090, 12.9720, 18.2200

Conversions

Conversions Part 2

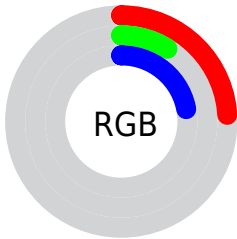
Format	Color
RYB	62, 23, 55
Decimal	4069175
CIELab	15.00, 23.99, -12.02
CIELCh	15, 26.834, 333.382
Yxy	1.9086, 0.3420, 0.2192
Android (android.graphics.Color)	4282259255 (0xFF3E1737)
YUV	38.3090, 8.2287, 20.7770
Hunter-Lab	13.8151, 14.2887, -6.7218




Details

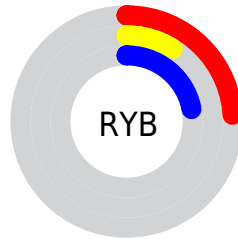
The CIELCh color **15, 26.834, 333.382** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23, 27.037, 144.783**, and the grayscale version is **15, 0.003, 296.813**.




A 20% lighter version of the original color is **35, 27.105, 333.268**, and **0, 3.343, 304.586** is the 20% darker color. If you saturate the color by 10%, you get **14, 30.170, 333.998**, and if you desaturate by 10%, it is **16, 23.027, 332.781**.

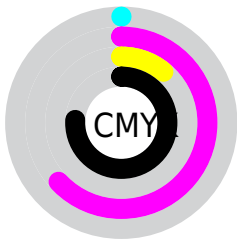
Distribution







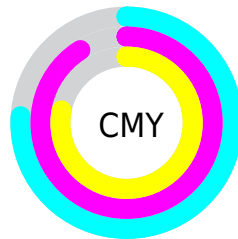
-  Red (24%)
-  Green (9%)
-  Blue (22%)






-  Red (24%)
-  Yellow (9%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (63%)
-  Yellow (11%)
-  Black (76%)





-  Cyan (76%)
-  Magenta (91%)
-  Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 26.834, 333.382 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, 26.834, 333.382 by changing the saturation by 10% instead.

 15, 26.834,
333.382


 15, 26.834,
333.382


 100, 26.834,
333.382


 5, 26.834, 333.382


 35, 26.834,
333.382

 0, 26.834, 333.382

 45, 26.834,
333.382


 55, 26.834,
333.382


 65, 26.834,
333.382


 75, 26.834,
333.382


 85, 26.834,


333.382


 95, 26.834,
333.382


 15, 26.834,
333.382


 15, 26.834,
333.382


 14, 30.170,
333.998


 16, 23.027,
332.781


 13, 32.890,
334.638

 18, 18.897,
332.192

 12, 35.298,
335.268

 20, 14.571,
331.614

 11, 37.164,
335.674

 22, 10.148,
331.046

 24, 5.704, 330.486

■ 26, 1.292, 329.874

■ 28, 3.051, 149.504

■ 30, 7.305, 148.983

■ 32, 11.455,
148.500

Harmonies

Complementary

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



15, 26.834, 333.382



23, 27.037, 144.783

Rectangle

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



15, 26.834, 333.382



15, 26.834, 23.382



15, 26.834, 153.382



15, 26.834, 203.382

Sweetspot

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



15, 26.833, 333.382



30, 10.562, 330.874



11, 28.480, 302.471



13, 7.147, 330.936



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



15, 26.833, 333.382



19, 38.515, 334.417



14, 20.714, 1.243



10, 2.414, 330.229



20, 48.979, 336.274



51, 90.316, 337.055

Inverse Universe

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



15, 26.833, 333.382



19, 38.515, 334.417



23, 18.003, 167.564



10, 2.414, 330.229



20, 48.979, 336.274



51, 90.316, 337.055

Previews

White Background



This preview shows how the CIELCh color 15, 26.834, 333.382 looks on a white background.

Color Contrast Check

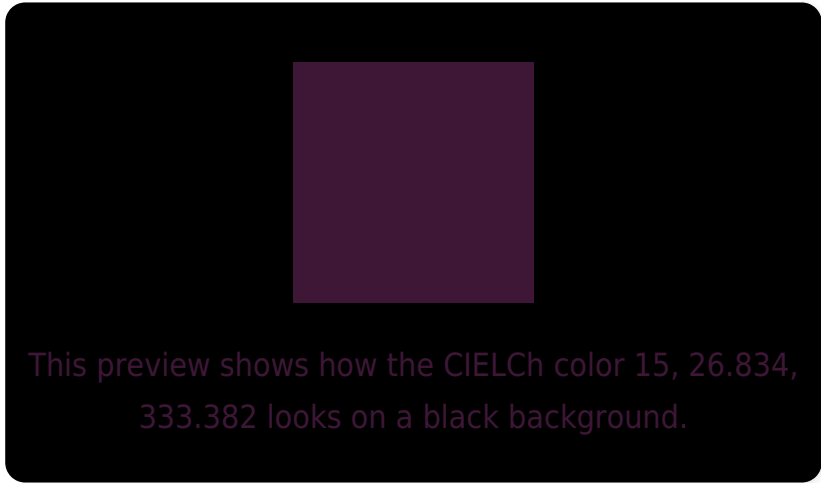
Large Text (above 18pt) WCAG AA ✓ Pass

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

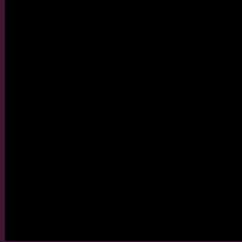
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 26.834, 333.382

Background



This preview shows how black text looks on a background with the CIELCh color 15, 26.834, 333.382.



This preview shows how white text looks on a background with the CIELCh color 15, 26.834, 333.382.

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, 26.834, 333.382

Protanopia

16, 20.555, 284.207

Deuteranopia

15, 10.601, 286.241



Tritanopia
15, 16.295, 19.348

Trichromacy



Original Color
15, 26.834, 333.382

Protanomaly
15, 21.394, 301.733

Deuteranomaly
15, 15.761, 313.018

Tritanomaly
15, 18.486, 356.458

Monochromacy



Original Color
15, 26.834, 333.382

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 10.198, 332.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 26.834, 333.382 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(62, 23, 55)` looks like.

```
.text, #text, p{  
    color:rgb(62, 23, 55)  
}
```

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(62, 23, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 23, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 26.834, 333.382 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(62, 23, 55) }
```

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

```
.border{ border-color:rgb(62, 23, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 23, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 23, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 23, 55);  
box-shadow:4px 4px 4px 4px rgb(62, 23, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 26.834, 333.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 23, 55) }
```

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

```
.background{ background-color: rgb(62, 23,  
55) }
```

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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