

Converting Colors

CIELCh(15, 19.734, 329.035)

Have a look what the booklet for
CIELCh(15, 19.734, 329.035)
contains.

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Color

CIELCh(15, 19.386, 328.912)

Conversions

Conversions Part 1

Format	Color
Hex	361D34
RGB	54, 29, 52
RGB Percent	21%, 11%, 20%
CMY	0.7883, 0.8864, 0.7962
CMYK	0.00, 0.46, 0.04, 0.79
HSL	305°, 30%, 16%
HSV	305°, 46%, 21%
XYZ	2.5777, 1.9086, 3.4780
YIQ	39.0970, 7.5170, 12.4530

Conversions

Conversions Part 2

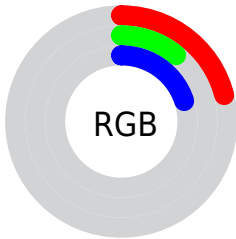
Format	Color
RYB	54, 29, 52
Decimal	3546420
CIELab	15.00, 16.60, -10.01
CIELCh	15, 19.386, 328.912
Yxy	1.9086, 0.3237, 0.2396
Android (android.graphics.Color)	4281736500 (0xFF361D34)
YUV	39.0970, 6.3612, 13.0699
Hunter-Lab	13.8151, 9.1289, -5.2560

Details

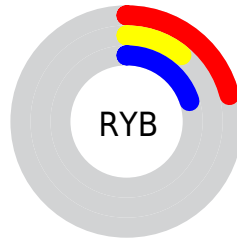
The CIELCh color **15, 19.386, 328.912** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **20, 19.412, 143.636**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 19.827, 327.895**, and **0, 1.210, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **14, 23.257, 329.379**, and if you desaturate by 10%, it is **17, 15.305, 328.431**.

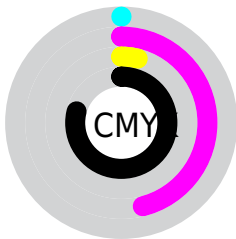
Distribution



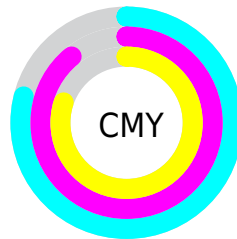
- Red (21%)
- Green (11%)
- Blue (20%)



- Red (21%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (4%)
- Black (79%)





- Cyan (79%)
- Magenta (89%)
- Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 19.386, 328.912 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, 19.386, 328.912 by changing the saturation by 10% instead.

 15, 19.386,
328.912


 15, 19.386,
328.912


 100, 19.386,
328.912


 5, 19.386, 328.912


 35, 19.386,
328.912

 0, 19.386, 328.912

 45, 19.386,
328.912

 55, 19.386,
328.912

 65, 19.386,
328.912

 75, 19.386,
328.912

 85, 19.386,

328.912

95, 19.386,
328.912

15, 19.386,
328.912

15, 19.386,
328.912

14, 23.257,
329.379

17, 15.305,
328.431

12, 26.808,
329.825

18, 11.109,
327.941

11, 29.913,
330.246

20, 6.872, 327.446

10, 32.554,
330.639

21, 2.647, 326.936

23, 1.528, 146.574

9, 35.347, 331.015

25, 5.627, 146.057

■ 9, 36.452, 331.151

■ 27, 9.636, 145.600

■ 29, 13.546,
145.165

■ 31, 17.352,
144.749

Harmonies

Complementary

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



15, 19.386, 328.912



20, 19.412, 143.636

Rectangle

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



15, 19.386, 328.912



15, 19.386, 18.912



15, 19.386, 148.912



15, 19.386, 198.912

Sweetspot

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



15, 19.385, 328.912



27, 7.449, 327.368



12, 18.128, 297.382



12, 5.041, 327.399



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



15, 19.385, 328.912



19, 29.089, 329.500



14, 14.223, 351.617



9, 2.401, 327.046



20, 51.670, 331.445



51, 96.785, 331.738

Inverse Universe

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



15, 19.385, 328.912



19, 29.089, 329.500



20, 13.317, 163.432



9, 2.401, 327.046



20, 51.670, 331.445



51, 96.785, 331.738

Previews

White Background



This preview shows how the CIELCh color 15, 19.386, 328.912 looks on a white background.

Color Contrast Check

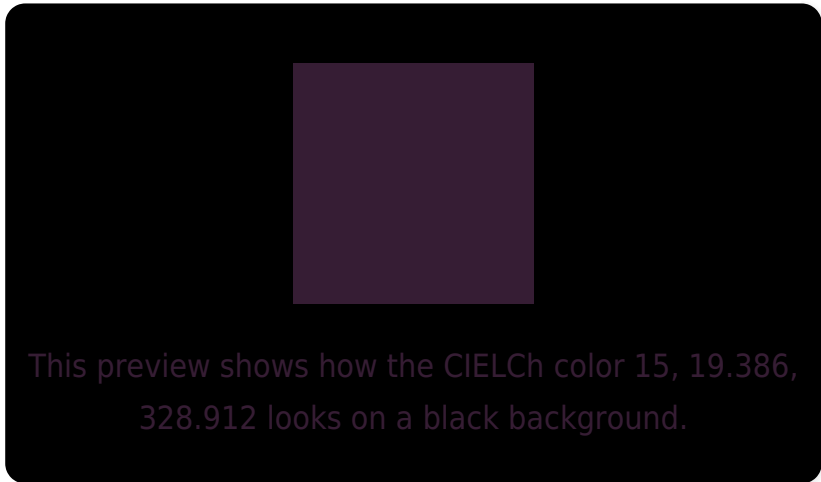
Large Text (above 18pt) WCAG AA ✓ Pass

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

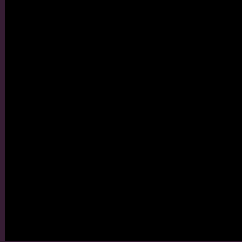
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 19.386, 328.912

Background



This preview shows how black text looks on a background with the CIELCh color 15, 19.386, 328.912.



This preview shows how white text looks on a background with the CIELCh color 15, 19.386, 328.912.

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](#).

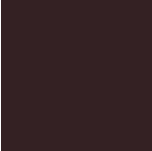
Dichromacy



Original Color
15, 19.386, 328.912

Protanopia
15, 14.910, 283.798

Deuteranopia
15, 8.521, 283.793



Tritanopia
15, 9.809, 13.928

Trichromacy



Original Color
15, 19.386, 328.912

Protanomaly
15, 14.990, 300.372

Deuteranomaly
15, 11.775, 308.227

Tritanomaly
15, 11.943, 351.136

Monochromacy



Original Color
15, 19.386, 328.912

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 7.664, 325.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 19.386, 328.912 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(54, 29, 52)` looks like.

```
.text, #text, p{  
    color:rgb(54, 29, 52)  
}
```

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(54, 29, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 29, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 19.386, 328.912 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(54, 29, 52) }
```

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

```
.border{ border-color:rgb(54, 29, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 29, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 29, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 29, 52);  
box-shadow:4px 4px 4px 4px rgb(54, 29, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 19.386, 328.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 29, 52) }
```

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

```
.background{ background-color: rgb(54, 29,  
52) }
```

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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