

Converting Colors

CIELCh(15, 39.459, 313.239)

Have a look what the booklet for
CIELCh(15, 39.459, 313.239)
contains.

CIELCh(15, 39.381, 313.279)	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, 39.381, 313.279)

Conversions

Conversions Part 1

Format	Color
Hex	35174F
RGB	53, 23, 79
RGB Percent	21%, 9%, 31%
CMY	0.7934, 0.9110, 0.6915
CMYK	0.33, 0.71, 0.00, 0.69
HSL	272°, 55%, 20%
HSV	272°, 71%, 31%
XYZ	3.1508, 1.9086, 7.5369
YIQ	38.3540, -0.0960, 23.7760

Conversions

Conversions Part 2

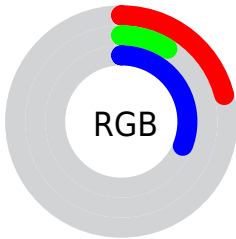
Format	Color
R_{YB}	53, 23, 79
Decimal	3479375
CIE _{Lab}	15.00, 27.00, -28.67
CIE _{LCh}	15, 39.381, 313.279
Yxy	1.9086, 0.2501, 0.1515
Android (android.graphics.Color)	4281669455 (0xFF35174F)
YUV	38.3540, 20.0385, 12.8445
Hunter-Lab	13.8151, 16.5331, -22.6754

Details

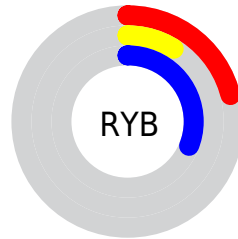
The CIELCh color **15, 39.381, 313.279** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **30, 36.085, 127.568**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 39.674, 313.171**, and **1, 20.157, 291.327** is the 20% darker color. If you saturate the color by 10%, you get **13, 44.183, 313.479**, and if you desaturate by 10%, it is **17, 34.069, 312.941**.

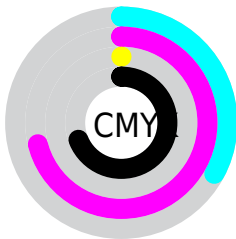
Distribution



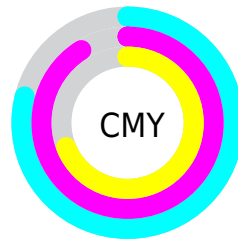
- Red (21%)
- Green (9%)
- Blue (31%)



- Red (21%)
- Yellow (9%)
- Blue (31%)



- Cyan (33%)
- Magenta (71%)
- Yellow (0%)
- Black (69%)





- Cyan (79%)
- Magenta (91%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 39.381, 313.279 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, 39.381, 313.279 by changing the saturation by 10% instead.

 15, 39.381,
313.279


 15, 39.381,
313.279


 100, 39.381,
313.279


 5, 39.381, 313.279


 35, 39.381,
313.279

 0, 39.381, 313.279

 45, 39.381,
313.279


 55, 39.381,
313.279


 65, 39.381,
313.279


 75, 39.381,
313.279

 85, 39.381,


313.279


 95, 39.381,
313.279


 15, 39.381,
313.279

 15, 39.381,
313.279


 13, 44.183,
313.479


 17, 34.069,
312.941


 11, 48.311,
313.513

 20, 28.484,
312.523

 9, 52.349, 313.760

 22, 22.793,
312.069

 25, 17.105,
311.607

 28, 11.490,
311.157

■ 30, 5.985, 310.727

■ 33, 0.613, 310.235

■ 36, 4.618, 129.996

■ 39, 9.704, 129.661

Harmonies

Complementary

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



15, 39.381, 313.279



30, 36.085, 127.568

Rectangle

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



15, 39.381, 313.279



15, 39.381, 3.279



15, 39.381, 133.279



15, 39.381, 183.279

Sweetspot

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



15, 39.381, 313.279



36, 14.153, 311.184



20, 21.324, 273.027



17, 9.473, 311.244



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



15, 39.381, 313.279



17, 56.300, 313.497



19, 39.457, 328.653



14, 2.918, 310.621



14, 62.850, 313.365



38, 114.510, 312.578

Inverse Universe

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



18, 29.159, 353.955



22, 40.125, 357.942



29, 40.121, 139.495



14, 2.277, 346.218



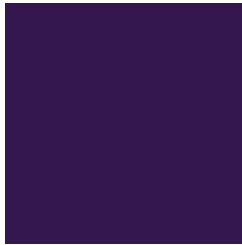
20, 43.203, 2.620



49, 77.961, 6.129

Previews

White Background



This preview shows how the CIE LCh color 15, 39.381, 313.279 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



This preview shows how the CIE LCh color 15, 39.381, 313.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

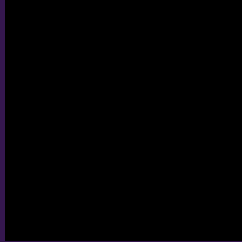
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 39.381, 313.279

Background



This preview shows how black text looks on a background with the CIELCh color 15, 39.381, 313.279.



This preview shows how white text looks on a background with the CIELCh color 15, 39.381, 313.279.

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, 39.381, 313.279

Protanopia

15, 30.010, 282.635

Deuteranopia

15, 21.920, 268.867



Tritanopia
15, 4.905, 355.260

Trichromacy



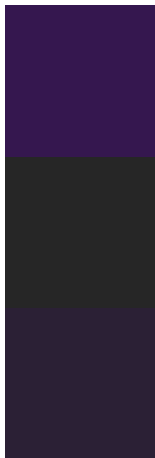
Original Color
15, 39.381, 313.279

Protanomaly
14, 33.247, 292.926

Deuteranomaly
14, 27.712, 288.687

Tritanomaly
15, 17.210, 319.509

Monochromacy



Original Color
15, 39.381, 313.279

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 15.696, 311.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 39.381, 313.279 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(53, 23, 79)` looks like.

```
.text, #text, p{  
    color:rgb(53, 23, 79)  
}
```

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(53, 23, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 23, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 39.381, 313.279 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(53, 23, 79) }
```

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

```
.border{ border-color:rgb(53, 23, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 23, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 23, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 23, 79);  
box-shadow:4px 4px 4px 4px rgb(53, 23, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 39.381, 313.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 23, 79) }
```

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

```
.background{ background-color: rgb(53, 23,  
79) }
```

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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