

Converting Colors

CIELCh(39, 15.169, 292.142)

Have a look what the booklet for
CIELCh(39, 15.169, 292.142)
contains.

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Color

CIELCh(39, 15.326, 292.522)

Conversions

Conversions Part 1

Format	Color
Hex	5A5A73
RGB	90, 90, 115
RGB Percent	35%, 35%, 45%
CMY	0.6481, 0.6481, 0.5501
CMYK	0.22, 0.22, 0.00, 0.55
HSL	240°, 12%, 40%
HSV	240°, 22%, 45%
XYZ	10.9024, 10.6589, 17.6184
YIQ	92.8500, -8.0250, 7.7750

Conversions

Conversions Part 2

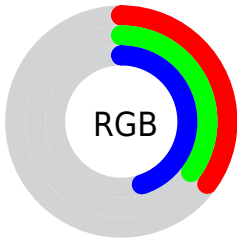
Format	Color
R_{YB}	90, 90, 115
Decimal	5921395
CIE Lab	39.00, 5.87, -14.16
CIE LCh	39, 15.326, 292.522
Yxy	10.6589, 0.2783, 0.2721
Android (android.graphics.Color)	4284111475 (0xFF5A5A73)
YUV	92.8500, 10.9200, -2.4994
Hunter-Lab	32.6480, 2.4738, -9.1420

Details

The CIELCh color $[39, 15.326, 292.522]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[48, 14.608, 108.171]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 15.317, 291.911]$, and $[19, 15.063, 292.226]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 22.813, 293.896]$, and if you desaturate by 10%, it is $[43, 8.132, 291.346]$.

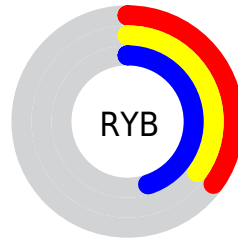
Distribution



Red (35%)

Green (35%)

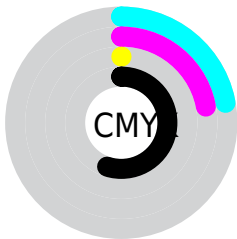
Blue (45%)



Red (35%)

Yellow (35%)

Blue (45%)

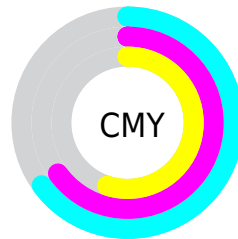


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (55%)



Cyan (65%)


Magenta (65%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 15.326, 292.522 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 39, 15.326, 292.522 by changing the saturation by 10% instead.


 39, 15.326,
292.522


 39, 15.326,
292.522

 100, 15.326,
292.522


 29, 15.326,
292.522

 59, 15.326,
292.522


 19, 15.326,
292.522


 69, 15.326,
292.522

 9, 15.326, 292.522

 79, 15.326,
292.522

 0, 15.326, 292.522

 89, 15.326,
292.522

 99, 15.326,
292.522

■ 39, 15.326,
292.522

■ 39, 15.326,
292.522

■ 35, 22.813,
293.896

■ 43, 8.132, 291.346

■ 30, 30.610,
295.490

■ 48, 1.213, 290.370

■ 52, 5.451, 109.467

■ 26, 38.706,
297.311

■ 56, 11.878,
108.734

■ 22, 47.023,
299.325

■ 60, 18.086,
108.101

■ 18, 55.328,
301.434

■ 64, 24.088,
107.553

■ 15, 63.091,
303.443


■ 68, 29.898,
107.078

■ 13, 69.389,
305.065

■ 72, 35.528,
106.665

■ 11, 74.200,

306.284

 76, 40.988,
106.303

Harmonies

Complementary

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



39, 15.326, 292.522



48, 14.608, 108.171

Rectangle

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



39, 15.326, 292.522



39, 15.326, 342.522



39, 15.326, 112.522



39, 15.326, 162.522

Sweetspot

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



39, 15.325, 292.521



58, 5.899, 290.866



46, 9.591, 196.871



29, 3.811, 290.903



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 15.325, 292.521



48, 22.744, 293.164



40, 16.039, 309.472



21, 3.791, 291.049



12, 76.556, 306.284



31, 130.756, 306.286

Inverse Universe

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



41, 10.962, 20.885



50, 16.401, 21.357



47, 15.575, 127.532



22, 2.649, 19.844



24, 57.996, 37.783



52, 102.183, 39.995

Previews

White Background



This preview shows how the CIE LCh color 39, 15.326, 292.522 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 × Fail

Black Background



This preview shows how the CIELCh color 39, 15.326, 292.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

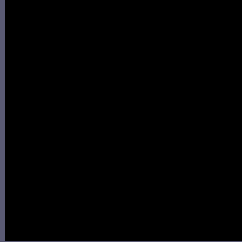
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 15.326, 292.522

Background



This preview shows how black text looks on a background with the CIELCh color 39, 15.326, 292.522.



This preview shows how white text looks on a background with the CIELCh color 39, 15.326, 292.522.

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

39, 15.326, 292.522

Protanopia

39, 15.372, 285.581

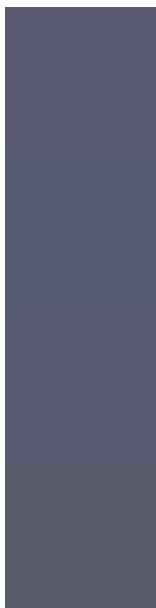
Deuteranopia

39, 15.324, 291.120



Tritanopia
39, 5.255, 268.488

Trichromacy



Original Color
39, 15.326, 292.522

Protanomaly
39, 15.341, 286.942

Deuteranomaly
39, 15.324, 291.120

Tritanomaly
39, 8.638, 283.661

Monochromacy



Original Color
39, 15.326, 292.522

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 5.508, 291.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 15.326, 292.522 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(90, 90, 115)` looks like.

```
.text, #text, p{  
  color:rgb(90, 90, 115)  
}
```

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(90, 90, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 90, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 15.326, 292.522 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(90, 90, 115) }
```

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

```
.border{ border-color:rgb(90, 90, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 90, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 90, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 90, 115);  
box-shadow:4px 4px 4px 4px rgb(90, 90,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 15.326, 292.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 90, 115) }
```

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

```
.background{ background-color: rgb(90, 90,  
115) }
```

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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