

Converting Colors

CIELCh(39, 15.607, 353.028)

Have a look what the booklet for
CIELCh(39, 15.607, 353.028)
contains.

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Color

CIELCh(39, 15.453, 353.690)

Conversions

Conversions Part 1

Format	Color
Hex	73535F
RGB	115, 83, 95
RGB Percent	45%, 33%, 37%
CMY	0.5490, 0.6745, 0.6274
CMYK	0.00, 0.28, 0.17, 0.55
HSL	338°, 16%, 39%
HSV	338°, 28%, 45%
XYZ	12.2305, 10.6589, 12.2406
YIQ	93.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

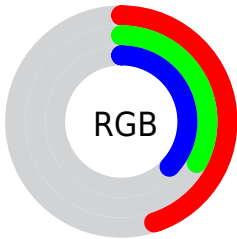
Format	Color
R_{YB}	115, 83, 95
Decimal	7557983
CIE _{Lab}	39.00, 15.36, -1.70
CIE _{LCh}	39, 15.453, 353.690
Yxy	10.6589, 0.3481, 0.3034
Android (android.graphics.Color)	4285748063 (0xFF73535F)
YUV	93.9360, 0.5246, 18.4731
Hunter-Lab	32.6480, 9.7348, 0.6242

Details

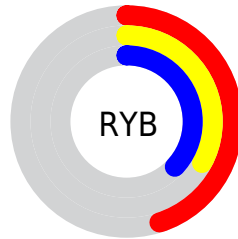
The CIELCh color $[39, 15.453, 353.690]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[46, 14.582, 168.431]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 15.049, 354.376]$, and $[19, 15.122, 353.971]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 21.169, 354.964]$, and if you desaturate by 10%, it is $[42, 9.775, 352.588]$.

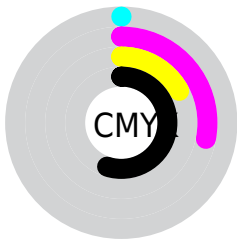
Distribution



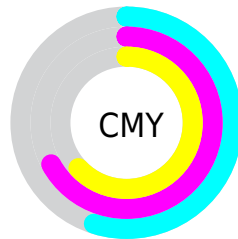
- Red (45%)
- Green (33%)
- Blue (37%)



- Red (45%)
- Yellow (33%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (17%)
- Black (55%)





- Cyan (55%)
- Magenta (67%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 15.453, 353.690 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, 15.453, 353.690 by changing the saturation by 10% instead.


 39, 15.453,
353.690


 39, 15.453,
353.690

 100, 15.453,
353.690


 29, 15.453,
353.690

 59, 15.453,
353.690


 19, 15.453,
353.690


 69, 15.453,
353.690

 9, 15.453, 353.690

 79, 15.453,
353.690

 0, 15.453, 353.690

 89, 15.453,
353.690

 99, 15.453,
353.690

39, 15.453,
353.690

39, 15.453,
353.690

36, 21.169,
354.964

42, 9.775, 352.588

33, 26.793,
356.463

46, 4.225, 351.587

49, 1.151, 171.066

30, 32.136,
358.267

53, 6.330, 170.084

28, 36.961, 0.485

56, 11.306,
169.366

26, 41.016, 3.255

60, 16.082,
168.721

24, 44.116, 6.730

63, 20.670,
168.132

23, 46.537, 10.768

23, 47.110, 11.611

67, 25.082,
167.589

71, 29.330,

Harmonies

Complementary

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



39, 15.453, 353.690



46, 14.582, 168.431

Rectangle

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



39, 15.453, 353.690



39, 15.453, 43.690



39, 15.453, 173.690



39, 15.453, 223.690

Sweetspot

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



39, 15.451, 353.693



59, 5.389, 351.626



38, 21.184, 314.184



30, 3.867, 351.751



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



39, 15.451, 353.693



48, 22.962, 354.438



40, 12.938, 31.105



23, 3.096, 351.709



25, 49.293, 11.995



53, 84.248, 15.213

Inverse Universe

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



39, 15.451, 353.693



48, 22.962, 354.438



45, 10.750, 210.307



23, 3.096, 351.709



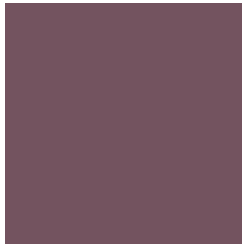
25, 49.293, 11.995



53, 84.248, 15.213

Previews

White Background



This preview shows how the CIE LCh color 39, 15.453, 353.690 looks on a white background.

Color Contrast Check

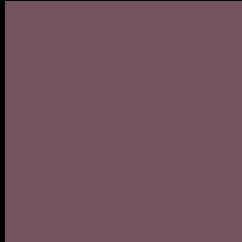
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 39, 15.453, 353.690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

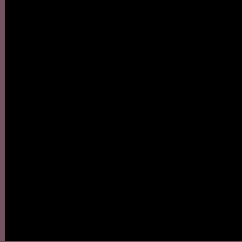
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 15.453, 353.690

Background



This preview shows how black text looks on a background with the CIELCh color 39, 15.453, 353.690.



This preview shows how white text looks on a background with the CIELCh color 39, 15.453, 353.690.

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, 15.453, 353.690

Protanopia

39, 5.518, 291.043

Deuteranopia

39, 5.586, 347.029



Tritanopia
39, 13.543, 5.896

Trichromacy



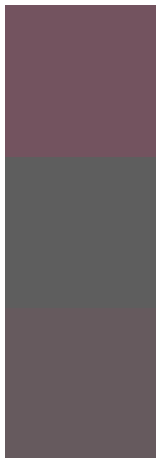
Original Color
39, 15.453, 353.690

Protanomaly
39, 7.939, 330.048

Deuteranomaly
39, 8.782, 351.608

Tritanomaly
39, 13.819, 0.976

Monochromacy



Original Color
39, 15.453, 353.690

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 5.660, 354.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 15.453, 353.690 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(115, 83, 95)` looks like.

```
.text, #text, p{  
    color:rgb(115, 83, 95)  
}
```

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(115, 83, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 83, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 15.453, 353.690 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(115, 83, 95) }
```

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

```
.border{ border-color:rgb(115, 83, 95) }
```

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

Here you see how a box with a 4 pixel rgb(115, 83, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 83, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 83, 95);  
box-shadow:4px 4px 4px 4px rgb(115, 83,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 15.453, 353.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 83, 95) }
```

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

```
.background{ background-color: rgb(115, 83,  
95) }
```

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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