

Converting Colors

CIELCh(39, 4.945, 64.705)

Have a look what the booklet for
CIELCh(39, 4.945, 64.705) contains.

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Color

CIELCh(39, 4.636, 60.773)

Conversions

Conversions Part 1

Format	Color
Hex	625A55
RGB	98, 90, 85
RGB Percent	38%, 35%, 33%
CMY	0.6141, 0.6455, 0.6652
CMYK	0.00, 0.08, 0.13, 0.61
HSL	23°, 7%, 36%
HSV	23°, 13%, 39%
XYZ	10.4240, 10.6589, 10.1828
YIQ	91.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

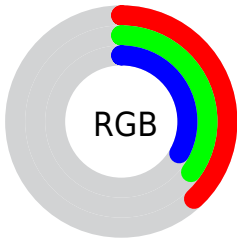
Format	Color
RYB	98, 93, 85
Decimal	6445653
CIELab	39.00, 2.26, 4.05
CIELCh	39, 4.636, 60.773
Yxy	10.6589, 0.3334, 0.3409
Android (android.graphics.Color)	4284635733 (0xFF625A55)
YUV	91.8220, -3.3632, 5.4181
Hunter-Lab	32.6480, -0.1419, 4.3613

Details

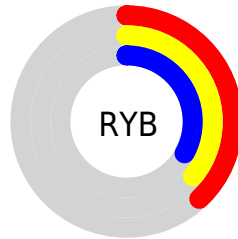
The CIELCh color $39, 4.636, 60.773$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39, 4.395, 243.459$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 4.564, 57.764$, and $19, 4.547, 68.232$ is the 20% darker color. If you saturate the color by 10%, you get $37, 8.396, 59.934$, and if you desaturate by 10%, it is $41, 1.095, 61.503$.

Distribution



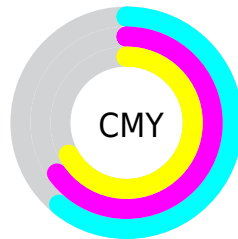
- Red (38%)
- Green (35%)
- Blue (33%)



- Red (38%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 4.636, 60.773 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, 4.636, 60.773 by changing the saturation by 10% instead.

■ 39, 4.636, 60.773 ■ 39, 4.636, 60.773

■ 100, 4.636, 60.773 ■ 29, 4.636, 60.773

■ 59, 4.636, 60.773 ■ 19, 4.636, 60.773

■ 69, 4.636, 60.773 ■ 9, 4.636, 60.773

■ 79, 4.636, 60.773 ■ 0, 4.636, 60.773

■ 89, 4.636, 60.773

■ 99, 4.636, 60.773

■ 39, 4.636, 60.773 ■ 39, 4.636, 60.773

■ 37, 8.396, 59.934 ■ 41, 1.095, 61.503

■ 35, 12.393, 59.091 ■ 43, 2.249, 242.781

33, 16.641, 58.284

45, 5.415, 243.618

31, 21.139, 57.521

47, 8.423, 244.498

29, 25.864, 56.799

49, 11.292,
245.371

28, 30.744, 56.083

52, 14.038,
246.228

26, 35.612, 55.283

25, 39.937, 54.013

54, 16.676,
247.062

24, 42.616, 53.160

56, 19.217,
247.870

58, 21.673,
248.651

Harmonies

Complementary

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



39, 4.636, 60.773



39, 4.395, 243.459

Rectangle

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



39, 4.636, 60.773



39, 4.636, 110.773



39, 4.636, 240.773



39, 4.636, 290.773

Sweetspot

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



39, 4.636, 60.791



52, 1.687, 61.477



38, 7.410, 338.760



26, 1.191, 61.449



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



39, 4.636, 60.791



49, 7.011, 60.514



41, 6.969, 103.667



19, 1.916, 61.153



27, 47.890, 53.337



58, 86.600, 51.517

Inverse Universe

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



39, 4.395, 243.459



50, 6.550, 243.834



37, 7.116, 286.407



19, 1.852, 243.003



28, 30.181, 267.677



59, 55.223, 271.094

Previews

White Background



This preview shows how the CIELCh color 39, 4.636, 60.773 looks on a white background.

Color Contrast Check

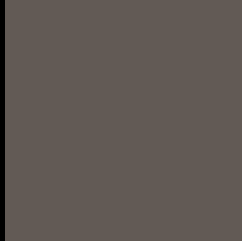
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.636, 60.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

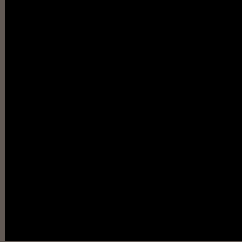
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 4.636, 60.773

Background



This preview shows how black text looks on a background with the CIELCh color 39, 4.636, 60.773.



This preview shows how white text looks on a background with the CIELCh color 39, 4.636, 60.773.

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

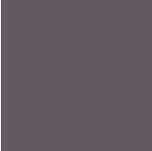
39, 4.636, 60.773

Protanopia

39, 3.872, 90.000

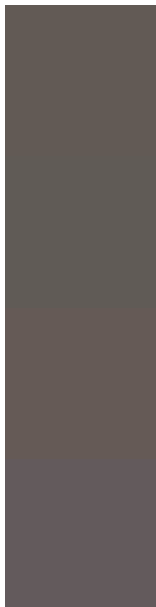
Deuteranopia

39, 6.410, 36.660



Tritanopia
39, 6.323, 337.695

Trichromacy



Original Color
39, 4.636, 60.773

Protanomaly
39, 3.733, 74.184

Deuteranomaly
39, 5.394, 46.713

Tritanomaly
39, 4.030, 2.294

Monochromacy



Original Color
39, 4.636, 60.773

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 1.408, 45.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 4.636, 60.773 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(98, 90, 85)` looks like.

```
.text, #text, p{  
    color:rgb(98, 90, 85)  
}
```

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(98, 90, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 90, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 4.636, 60.773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

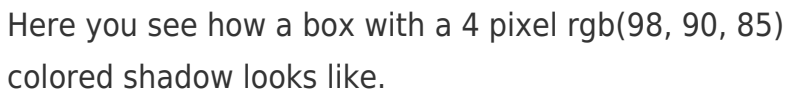
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 90, 85) }
```

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

```
.border{ border-color:rgb(98, 90, 85) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 90, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 90, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 90, 85);  
box-shadow:4px 4px 4px 4px rgb(98, 90, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 4.636, 60.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 90, 85) }
```

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

```
.background{ background-color: rgb(98, 90,  
85) }
```

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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