

Converting Colors

CIELCh(39, 5.645, 92.747)

Have a look what the booklet for
CIELCh(39, 5.645, 92.747) contains.

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Color

CIELCh(39, 5.633, 95.827)

Conversions

Conversions Part 1

Format	Color
Hex	5F5C53
RGB	95, 92, 83
RGB Percent	37%, 36%, 33%
CMY	0.6283, 0.6401, 0.6754
CMYK	0.00, 0.03, 0.13, 0.63
HSL	45°, 7%, 35%
HSV	45°, 13%, 37%
XYZ	10.0579, 10.6589, 9.6674
YIQ	91.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

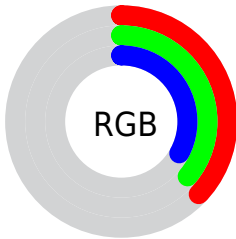
Format	Color
R_{YB}	87, 95, 83
Decimal	6249555
CIE Lab	39.00, -0.57, 5.60
CIE LCh	39, 5.633, 95.827
Yxy	10.6589, 0.3310, 0.3508
Android (android.graphics.Color)	4284439635 (0xFF5F5C53)
YUV	91.8710, -4.3734, 2.7441
Hunter-Lab	32.6480, -2.1437, 5.2972

Details

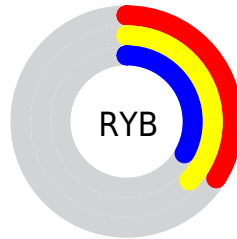
The CIELCh color $[39, 5.633, 95.827]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[37, 5.683, 278.747]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 5.760, 97.460]$, and $[19, 5.658, 93.399]$ is the 20% darker color. If you saturate the color by 10%, you get $[38, 10.143, 94.710]$, and if you desaturate by 10%, it is $[40, 1.171, 96.867]$.

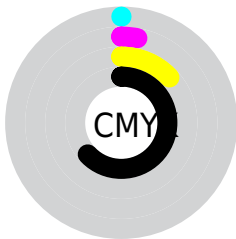
Distribution



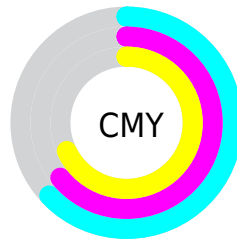
- Red (37%)
- Green (36%)
- Blue (33%)



- Red (34%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (63%)



- Cyan (63%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 5.633, 95.827 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, 5.633, 95.827 by changing the saturation by 10% instead.

■ 39, 5.633, 95.827 ■ 39, 5.633, 95.827

■ 100, 5.633, 95.827 ■ 29, 5.633, 95.827

■ 59, 5.633, 95.827 ■ 19, 5.633, 95.827

■ 69, 5.633, 95.827 ■ 9, 5.633, 95.827

■ 79, 5.633, 95.827 ■ 0, 5.633, 95.827

■ 89, 5.633, 95.827

■ 99, 5.633, 95.827

■ 39, 5.633, 95.827 ■ 39, 5.633, 95.827

■ 38, 10.143, 94.710 ■ 40, 1.171, 96.867

■ 37, 14.685, 93.546 ■ 41, 3.238, 278.056

36, 19.231, 92.353

42, 7.592, 279.058

35, 23.730, 91.133

43, 11.890,
280.031

35, 28.095, 89.886

44, 16.134,
280.963

34, 32.178, 88.601

33, 35.750, 87.252

45, 20.326,
281.852

32, 38.585, 85.808

46, 24.469,
282.697

32, 40.854, 84.854

47, 28.566,
283.498

48, 32.617,
284.258

Harmonies

Complementary

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



39, 5.633, 95.827



37, 5.683, 278.747

Rectangle

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



39, 5.633, 95.827



39, 5.633, 145.827



39, 5.633, 275.827



39, 5.633, 325.827

Sweetspot

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



39, 5.634, 95.838



51, 2.182, 96.741



36, 5.517, 0.605



26, 1.538, 96.688



77, 0.009, 296.813



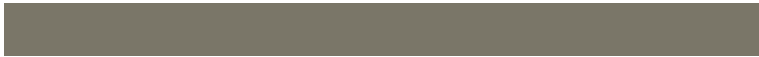
26, 0.004, 296.813

Same Dimension

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



39, 5.634, 95.838



50, 8.256, 95.528



40, 7.406, 119.183



20, 2.536, 96.248



38, 45.930, 84.423



77, 79.902, 83.058

Inverse Universe

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



37, 5.683, 278.747



46, 8.339, 279.108



36, 7.586, 300.683



18, 2.555, 278.287



16, 57.623, 299.190



37, 106.931, 301.104

Previews

White Background



This preview shows how the CIELCh color 39, 5.633, 95.827 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, 5.633, 95.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

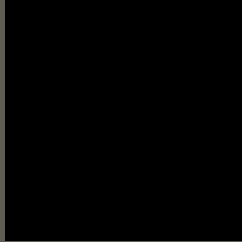
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 5.633, 95.827

Background



This preview shows how black text looks on a background with the CIELCh color 39, 5.633, 95.827.



This preview shows how white text looks on a background with the CIELCh color 39, 5.633, 95.827.

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, 5.633, 95.827

Protanopia

39, 5.750, 91.549

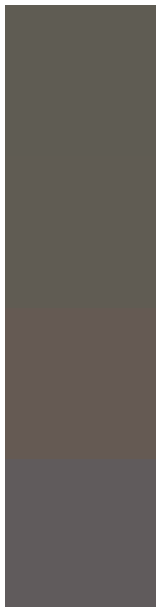
Deuteranopia

39, 7.620, 48.689



Tritanopia
39, 5.211, 324.780

Trichromacy



Original Color

39, 5.633, 95.827

Protanomaly

39, 5.750, 91.549

Deuteranomaly

39, 6.481, 60.876

Tritanomaly

39, 2.211, 3.555

Monochromacy



Original Color

39, 5.633, 95.827

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 1.872, 96.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 5.633, 95.827 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(95, 92, 83)` looks like.

```
.text, #text, p{  
    color:rgb(95, 92, 83)  
}
```

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(95, 92, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 92, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 5.633, 95.827 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(95, 92, 83) }
```

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

```
.border{ border-color:rgb(95, 92, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 92, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 92, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 92, 83);  
box-shadow:4px 4px 4px 4px rgb(95, 92, 83)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 5.633, 95.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 92, 83) }
```

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

```
.background{ background-color: rgb(95, 92,  
83) }
```

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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