

Converting Colors

CIELCh(39, 27.094, 329.669)

Have a look what the booklet for
CIELCh(39, 27.094, 329.669)
contains.

CIELCh(39, 27.173, 329.900)	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(39, 27.173, 329.900)

Conversions

Conversions Part 1

Format	Color
Hex	774E72
RGB	119, 78, 114
RGB Percent	47%, 31%, 45%
CMY	0.5321, 0.6929, 0.5517
CMYK	0.00, 0.34, 0.04, 0.53
HSL	307°, 21%, 39%
HSV	307°, 34%, 47%
XYZ	13.4537, 10.6589, 17.3628
YIQ	94.3630, 12.8800, 19.8880

Conversions

Conversions Part 2

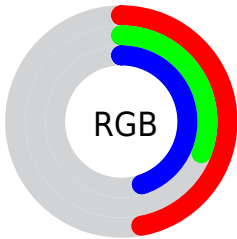
Format	Color
R_{YB}	119, 78, 114
Decimal	7818866
CIE _{Lab}	39.00, 23.51, -13.63
CIE _{LCh}	39, 27.173, 329.900
Yxy	10.6589, 0.3244, 0.2570
Android (android.graphics.Color)	4286008946 (0xFF774E72)
YUV	94.3630, 9.6810, 21.6066
Hunter-Lab	32.6480, 16.4225, -8.6779

Details

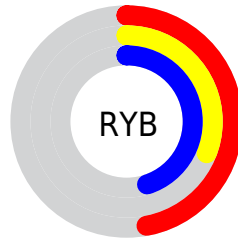
The CIELCh color $39, 27.173, 329.900$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $46, 27.142, 145.500$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 27.070, 329.909$, and $19, 27.371, 330.252$ is the 20% darker color. If you saturate the color by 10%, you get $36, 34.740, 330.478$, and if you desaturate by 10%, it is $42, 19.318, 329.320$.

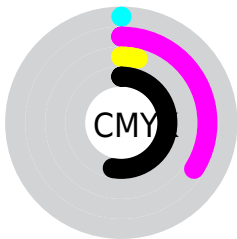
Distribution



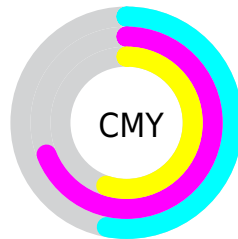
- Red (47%)
- Green (31%)
- Blue (45%)



- Red (47%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (4%)
- Black (53%)




- Cyan (53%)
- Magenta (69%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 27.173, 329.900 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, 27.173, 329.900 by changing the saturation by 10% instead.

 39, 27.173,
329.900


 39, 27.173,
329.900

 100, 27.173,
329.900


 29, 27.173,
329.900

 59, 27.173,
329.900


 19, 27.173,
329.900

 69, 27.173,
329.900

 9, 27.173, 329.900

 79, 27.173,
329.900

 0, 27.173, 329.900

 89, 27.173,
329.900

 99, 27.173,
329.900

■ 39, 27.173,
329.900

■ 39, 27.173,
329.900

■ 36, 34.740,
330.478

■ 42, 19.318,
329.320

■ 34, 41.782,
331.048

■ 45, 11.364,
328.740

■ 31, 48.006,
331.607

■ 49, 3.441, 328.137

■ 29, 53.105,
332.154

■ 52, 4.366, 147.693

■ 28, 56.813,
332.694

■ 56, 12.002,
147.136

■ 27, 59.049,
333.239

■ 59, 19.438,
146.624

■ 27, 60.116,
333.541

■ 63, 26.659,
146.138

■ 66, 33.663,
145.678

■ 70, 40.454,
145.243

Harmonies

Complementary

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



39, 27.173, 329.900



46, 27.142, 145.500

Rectangle

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



39, 27.173, 329.900



39, 27.173, 19.900



39, 27.173, 149.900



39, 27.173, 199.900

Sweetspot

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



39, 27.171, 329.900



60, 9.800, 328.499



35, 25.692, 298.052



31, 6.743, 328.566



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



39, 27.171, 329.900



48, 39.996, 330.343



38, 19.871, 353.968



23, 4.374, 328.426



27, 61.207, 333.557



58, 103.245, 333.894

Inverse Universe

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



39, 27.171, 329.900



48, 39.996, 330.343



47, 18.533, 167.189



23, 4.374, 328.426



27, 61.207, 333.557



58, 103.245, 333.894

Previews

White Background



This preview shows how the CIE LCh color 39, 27.173, 329.900 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, 27.173, 329.900 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, 27.173, 329.900

Background



This preview shows how black text looks on a background with the CIELCh color 39, 27.173, 329.900.



This preview shows how white text looks on a background with the CIELCh color 39, 27.173, 329.900.

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, 27.173, 329.900

Protanopia

39, 20.300, 285.220

Deuteranopia

39, 13.504, 293.877



Tritanopia
39, 14.964, 5.267

Trichromacy



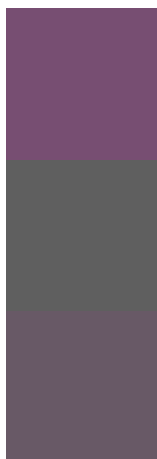
Original Color
39, 27.173, 329.900

Protanomaly
39, 21.298, 303.406

Deuteranomaly
39, 17.651, 311.998

Tritanomaly
39, 18.612, 346.364

Monochromacy



Original Color
39, 27.173, 329.900

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 10.102, 329.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 27.173, 329.900 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(119, 78, 114)` looks like.

```
.text, #text, p{  
    color:rgb(119, 78, 114)  
}
```

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(119, 78, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 78, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 27.173, 329.900 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(119, 78, 114) }
```

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

```
.border{ border-color:rgb(119, 78, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 78, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 78, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 78, 114); box-shadow:4px 4px 4px 4px rgb(119, 78, 114) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 27.173, 329.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 78, 114) }
```

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

```
.background{ background-color: rgb(119, 78,  
114) }
```

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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