

Converting Colors

CIELCh(39, 47.086, 327.916)

Have a look what the booklet for
CIELCh(39, 47.086, 327.916)
contains.

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Color

CIELCh(39, 47.136, 327.887)

Conversions

Conversions Part 1

Format	Color
Hex	874185
RGB	135, 65, 133
RGB Percent	53%, 25%, 52%
CMY	0.4700, 0.7445, 0.4778
CMYK	0.00, 0.52, 0.01, 0.47
HSL	302°, 35%, 39%
HSV	302°, 52%, 53%
XYZ	16.1598, 10.6589, 23.4510
YIQ	93.6820, 19.8920, 35.9880

Conversions

Conversions Part 2

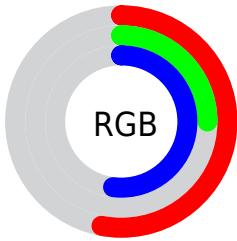
Format	Color
R_{YB}	135, 65, 133
Decimal	8864133
CIE _{Lab}	39.00, 39.92, -25.06
CIE _{LCh}	39, 47.136, 327.887
Yxy	10.6589, 0.3215, 0.2120
Android (android.graphics.Color)	4287054213 (0xFF874185)
YUV	93.6820, 19.3838, 36.2359
Hunter-Lab	32.6480, 31.2181, -19.7342

Details

The CIELCh color $[39, 47.136, 327.887]$ is a dark color, and the websafe version is hex `663366`. A complement of this color would be $[51, 47.421, 141.073]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 46.905, 328.080]$, and $[19, 47.243, 327.971]$ is the 20% darker color. If you saturate the color by 10%, you get $[37, 54.681, 328.314]$, and if you desaturate by 10%, it is $[42, 38.696, 327.412]$.

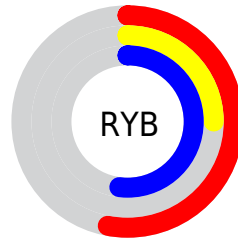
Distribution



Red (53%)

Green (25%)

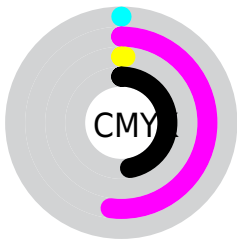
Blue (52%)



Red (53%)

Yellow (25%)

Blue (52%)

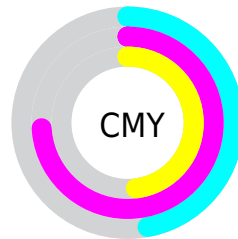


Cyan (0%)

Magenta (52%)

Yellow (1%)

Black (47%)



Cyan (47%)

Magenta (74%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 47.136, 327.887 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, 47.136, 327.887 by changing the saturation by 10% instead.

 39, 47.136,
327.887

 39, 47.136,
327.887

 100, 47.136,
327.887

 29, 47.136,
327.887

 59, 47.136,
327.887

 19, 47.136,
327.887

 69, 47.136,
327.887

 9, 47.136, 327.887

 79, 47.136,
327.887

 0, 47.136, 327.887

 89, 47.136,
327.887

 99, 47.136,
327.887

39, 47.136,
327.887

39, 47.136,
327.887

37, 54.681,
328.314

42, 38.696,
327.412

34, 60.990,
328.682

45, 29.692,
326.903

33, 65.760,
328.983

48, 20.393,
326.372

32, 68.821,
329.214

52, 11.003,
325.827

31, 70.547,
329.373

56, 1.670, 325.191

59, 7.509, 144.811

63, 16.474,
144.287

67, 25.193,
143.794

■ 71, 33.649,
143.326

Harmonies

Complementary

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



39, 47.136, 327.887



51, 47.421, 141.073

Rectangle

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



39, 47.136, 327.887



39, 47.136, 17.887



39, 47.136, 147.887



39, 47.136, 197.887

Sweetspot

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



39, 47.134, 327.887



65, 18.545, 326.077



31, 44.363, 297.899



33, 12.625, 326.173



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



39, 47.134, 327.887



47, 67.669, 328.377



38, 34.617, 350.066



27, 5.336, 325.681



31, 69.580, 329.371



0, 2.463, 325.210

Inverse Universe

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



39, 47.134, 327.887



47, 67.669, 328.377



51, 32.603, 159.241



27, 5.336, 325.681



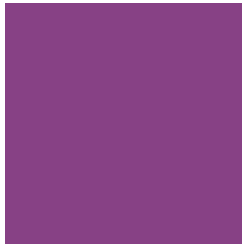
31, 69.580, 329.371



0, 2.463, 325.210

Previews

White Background



This preview shows how the CIELCh color 39, 47.136, 327.887 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, 47.136, 327.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

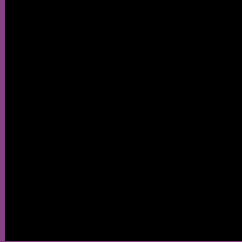
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 47.136, 327.887

Background



This preview shows how black text looks on a background with the CIELCh color 39, 47.136, 327.887.



This preview shows how white text looks on a background with the CIELCh color 39, 47.136, 327.887.

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, 47.136, 327.887

Protanopia

39, 39.880, 286.288

Deuteranopia

39, 23.410, 284.447



Tritanopia
39, 23.490, 14.424

Trichromacy



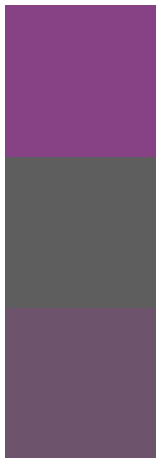
Original Color
39, 47.136, 327.887

Protanomaly
38, 40.711, 300.548

Deuteranomaly
39, 30.874, 306.534

Tritanomaly
39, 29.056, 349.018

Monochromacy



Original Color
39, 47.136, 327.887

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 17.848, 326.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 47.136, 327.887 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(135, 65, 133)` looks like.

```
.text, #text, p{  
    color:rgb(135, 65, 133)  
}
```

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(135, 65, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 65, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 47.136, 327.887 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(135, 65, 133) }
```

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

```
.border{ border-color:rgb(135, 65, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 65, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 65, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 65, 133); box-shadow:4px 4px 4px 4px rgb(135, 65, 133) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 47.136, 327.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 65, 133) }
```

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

```
.background{ background-color: rgb(135, 65,  
133) }
```

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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