

Converting Colors

CIELCh(39, 27.530, 335.271)

Have a look what the booklet for
CIELCh(39, 27.530, 335.271)
contains.

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Color

CIELCh(39, 27.505, 335.260)

Conversions

Conversions Part 1

Format	Color
Hex	7B4D6F
RGB	123, 77, 111
RGB Percent	48%, 30%, 44%
CMY	0.5178, 0.6981, 0.5648
CMYK	0.00, 0.37, 0.10, 0.52
HSL	316°, 23%, 39%
HSV	316°, 37%, 48%
XYZ	13.6829, 10.6589, 16.3660
YIQ	94.6300, 16.5020, 20.3260

Conversions

Conversions Part 2

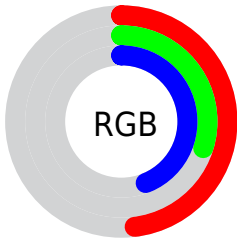
Format	Color
R_{YB}	123, 77, 111
Decimal	8080751
CIE _{Lab}	39.00, 24.98, -11.51
CIE _{LCh}	39, 27.505, 335.260
Yxy	10.6589, 0.3361, 0.2618
Android (android.graphics.Color)	4286270831 (0xFF7B4D6F)
YUV	94.6300, 8.0704, 24.8805
Hunter-Lab	32.6480, 17.6759, -6.8675

Details

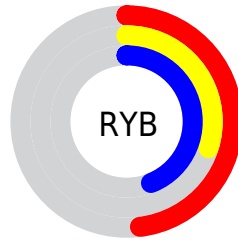
The CIELCh color $39, 27.505, 335.260$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $48, 27.289, 149.794$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 27.448, 334.809$, and $19, 27.280, 335.549$ is the 20% darker color. If you saturate the color by 10%, you get $36, 34.475, 336.026$, and if you desaturate by 10%, it is $42, 20.217, 334.537$.

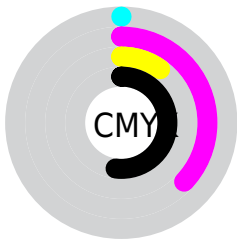
Distribution



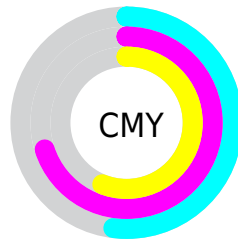
- Red (48%)
- Green (30%)
- Blue (44%)



- Red (48%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (10%)
- Black (52%)




- Cyan (52%)
- Magenta (70%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 27.505, 335.260 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, 27.505, 335.260 by changing the saturation by 10% instead.


 39, 27.505,
335.260


 39, 27.505,
335.260

 100, 27.505,
335.260


 29, 27.505,
335.260

 59, 27.505,
335.260


 19, 27.505,
335.260

 69, 27.505,
335.260

 9, 27.505, 335.260

 79, 27.505,
335.260

 0, 27.505, 335.260

 89, 27.505,
335.260

 99, 27.505,
335.260

39, 27.505,
335.260

39, 27.505,
335.260

36, 34.475,
336.026

42, 20.217,
334.537

33, 40.875,
336.845

46, 12.809,
333.846

31, 46.397,
337.737

49, 5.416, 333.172

29, 50.723,
338.730

53, 1.872, 152.718

28, 53.593,
339.867

56, 9.001, 152.034

27, 55.163,
341.157

60, 15.941,
151.466

27, 55.555,
341.490

63, 22.680,
150.935

67, 29.214,
150.434

■ 71, 35.550,
149.962

Harmonies

Complementary

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



39, 27.505, 335.260



48, 27.289, 149.794

Rectangle

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



39, 27.505, 335.260



39, 27.505, 25.260



39, 27.505, 155.260



39, 27.505, 205.260

Sweetspot

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



39, 27.503, 335.261



61, 10.039, 333.434



36, 29.018, 302.703



31, 6.803, 333.507



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



39, 27.503, 335.261



48, 40.805, 335.924



38, 21.163, 3.760



24, 4.109, 333.285



27, 56.181, 341.518



56, 93.693, 342.445

Inverse Universe

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



39, 27.503, 335.261



48, 40.805, 335.924



48, 18.615, 175.973



24, 4.109, 333.285



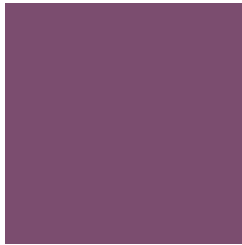
27, 56.181, 341.518



56, 93.693, 342.445

Previews

White Background



This preview shows how the CIE LCh color 39, 27.505, 335.260 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, 27.505, 335.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

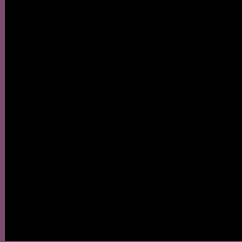
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 27.505, 335.260

Background



This preview shows how black text looks on a background with the CIELCh color 39, 27.505, 335.260.



This preview shows how white text looks on a background with the CIELCh color 39, 27.505, 335.260.

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, 27.505, 335.260

Protanopia

39, 18.460, 285.118

Deuteranopia

39, 11.731, 297.706



Tritanopia
39, 17.074, 9.821

Trichromacy



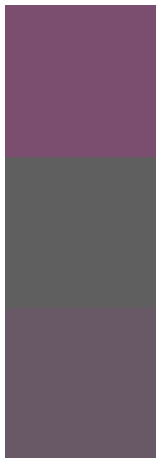
Original Color
39, 27.505, 335.260

Protanomaly
39, 19.662, 306.453

Deuteranomaly
39, 17.159, 318.528

Tritanomaly
39, 19.872, 353.457

Monochromacy



Original Color
39, 27.505, 335.260

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 10.647, 332.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 27.505, 335.260 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(123, 77, 111)` looks like.

```
.text, #text, p{  
    color:rgb(123, 77, 111)  
}
```

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(123, 77, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 77, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 27.505, 335.260 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(123, 77, 111) }
```

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

```
.border{ border-color:rgb(123, 77, 111) }
```

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

Here you see how a box with a 4 pixel rgb(123, 77, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 77, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 77, 111);  
box-shadow:4px 4px 4px 4px rgb(123, 77,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 27.505, 335.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 77, 111) }
```

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

```
.background{ background-color: rgb(123, 77,  
111) }
```

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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