

Converting Colors

CIELCh(39, 18.953, 329.190)

Have a look what the booklet for
CIELCh(39, 18.953, 329.190)
contains.

CIELCh(39, 19.032, 328.879)	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, 19.032, 328.879)

Conversions

Conversions Part 1

Format	Color
Hex	6F536C
RGB	111, 83, 108
RGB Percent	44%, 33%, 42%
CMY	0.5645, 0.6743, 0.5763
CMYK	0.00, 0.25, 0.03, 0.56
HSL	306°, 14%, 38%
HSV	306°, 25%, 44%
XYZ	12.3666, 10.6589, 15.6050
YIQ	94.2220, 8.6630, 13.7110

Conversions

Conversions Part 2

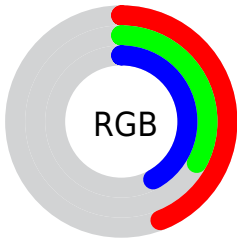
Format	Color
R_{YB}	111, 83, 108
Decimal	7295852
CIE Lab	39.00, 16.29, -9.84
CIE LCh	39, 19.032, 328.879
Yxy	10.6589, 0.3201, 0.2759
Android (android.graphics.Color)	4285485932 (0xFF6F536C)
YUV	94.2220, 6.7926, 14.7143
Hunter-Lab	32.6480, 10.4794, -5.4857

Details

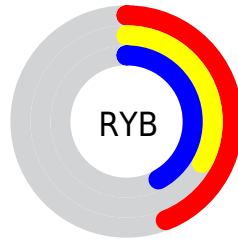
The CIELCh color $39, 19.032, 328.879$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $44, 18.999, 145.850$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 18.664, 329.369$, and $19, 18.994, 328.653$ is the 20% darker color. If you saturate the color by 10%, you get $36, 26.496, 329.444$, and if you desaturate by 10%, it is $42, 11.459, 328.312$.

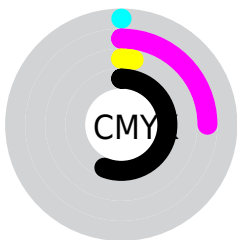
Distribution



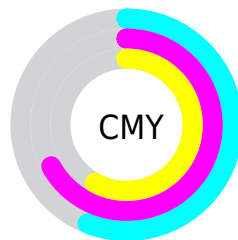
- Red (44%)
- Green (33%)
- Blue (42%)



- Red (44%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (3%)
- Black (56%)





- Cyan (56%)
- Magenta (67%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 19.032, 328.879 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, 19.032, 328.879 by changing the saturation by 10% instead.


 39, 19.032,
328.879


 39, 19.032,
328.879

 100, 19.032,
328.879


 29, 19.032,
328.879

 59, 19.032,
328.879


 19, 19.032,
328.879


 69, 19.032,
328.879

 9, 19.032, 328.879

 79, 19.032,
328.879

 0, 19.032, 328.879

 89, 19.032,
328.879

 99, 19.032,
328.879

■ 39, 19.032,
328.879

■ 39, 19.032,
328.879

■ 36, 26.496,
329.444

■ 42, 11.459,
328.312

■ 33, 33.680,
330.003

■ 45, 3.907, 327.728

■ 48, 3.541, 147.289

■ 31, 40.354,
330.548

■ 52, 10.832,
146.732

■ 29, 46.246,
331.076

■ 55, 17.935,
146.224

■ 27, 51.071,
331.583

■ 58, 24.836,
145.742

■ 26, 54.587,
332.073

■ 62, 31.532,
145.285

■ 25, 56.806,
332.554

■ 65, 38.025,
144.854

■ 25, 57.789,

332.779

 68, 44.323,
144.446

Harmonies

Complementary

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



39, 19.032, 328.879



44, 18.999, 145.850

Rectangle

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



39, 19.032, 328.879



39, 19.032, 18.879



39, 19.032, 148.879



39, 19.032, 198.879

Sweetspot

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



39, 19.030, 328.879



57, 7.486, 327.911



37, 17.432, 296.413



29, 5.365, 327.983



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 19.030, 328.879



49, 28.206, 329.196



39, 13.745, 351.768



22, 4.258, 327.957



27, 60.981, 332.821



57, 103.669, 333.115

Inverse Universe

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



39, 19.030, 328.879



49, 28.206, 329.196



44, 13.114, 167.164



22, 4.258, 327.957



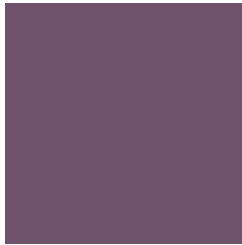
27, 60.981, 332.821



57, 103.669, 333.115

Previews

White Background



This preview shows how the CIELCh color 39, 19.032, 328.879 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, 19.032, 328.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

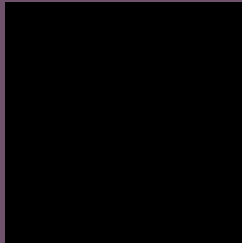
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 19.032, 328.879

Background



This preview shows how black text looks on a background with the CIELCh color 39, 19.032, 328.879.



This preview shows how white text looks on a background with the CIELCh color 39, 19.032, 328.879.

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, 19.032, 328.879

Protanopia

39, 14.129, 286.225

Deuteranopia

39, 10.570, 300.387



Tritanopia
39, 10.745, 357.671

Trichromacy



Original Color
39, 19.032, 328.879

Protanomaly
39, 15.112, 304.268

Deuteranomaly
39, 13.393, 314.868

Tritanomaly
39, 13.174, 344.441

Monochromacy



Original Color
39, 19.032, 328.879

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 6.925, 327.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 19.032, 328.879 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(111, 83, 108)` looks like.

```
.text, #text, p{  
    color:rgb(111, 83, 108)  
}
```

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(111, 83, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 83, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 19.032, 328.879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

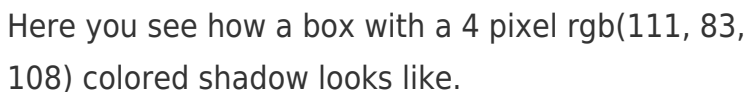
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 83, 108) }
```

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

```
.border{ border-color:rgb(111, 83, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 83, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 83, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 83, 108);  
box-shadow:4px 4px 4px 4px rgb(111, 83,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 19.032, 328.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 83, 108) }
```

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

```
.background{ background-color: rgb(111, 83,  
108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor