

Converting Colors

CIELCh(39, 41.233, 331.859)

Have a look what the booklet for
CIELCh(39, 41.233, 331.859)
contains.

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Color

CIELCh(39, 41.202, 331.841)

Conversions

Conversions Part 1

Format	Color
Hex	86447C
RGB	134, 68, 124
RGB Percent	53%, 27%, 49%
CMY	0.4745, 0.7333, 0.5137
CMYK	0.00, 0.49, 0.07, 0.47
HSL	309°, 33%, 40%
HSV	309°, 49%, 53%
XYZ	15.5381, 10.6589, 20.3089
YIQ	94.1180, 21.3600, 31.4080

Conversions

Conversions Part 2

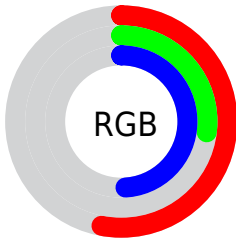
Format	Color
R_{YB}	134, 68, 124
Decimal	8799356
CIE _{Lab}	39.00, 36.33, -19.44
CIE _{LCh}	39, 41.202, 331.841
Yxy	10.6589, 0.3341, 0.2292
Android (android.graphics.Color)	4286989436 (0xFF86447C)
YUV	94.1180, 14.7318, 34.9765
Hunter-Lab	32.6480, 27.8188, -14.0280

Details

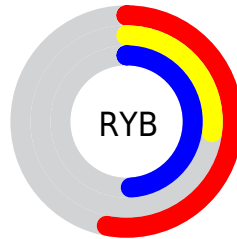
The CIELCh color $39, 41.202, 331.841$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $50, 41.332, 144.820$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 41.093, 331.862$, and $19, 41.227, 331.661$ is the 20% darker color. If you saturate the color by 10%, you get $36, 48.353, 332.461$, and if you desaturate by 10%, it is $42, 33.304, 331.224$.

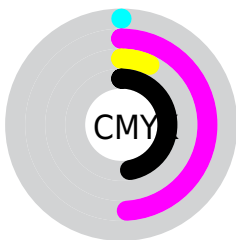
Distribution



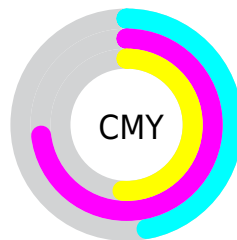
- Red (53%)
- Green (27%)
- Blue (49%)



- Red (53%)
- Yellow (27%)
- Blue (49%)



- Cyan (0%)
- Magenta (49%)
- Yellow (7%)
- Black (47%)





- Cyan (47%)
- Magenta (73%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 41.202, 331.841 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, 41.202, 331.841 by changing the saturation by 10% instead.


 39, 41.202,
331.841


 39, 41.202,
331.841

 100, 41.202,
331.841


 29, 41.202,
331.841

 59, 41.202,
331.841


 19, 41.202,
331.841


 69, 41.202,
331.841

 9, 41.202, 331.841

 79, 41.202,
331.841

 0, 41.202, 331.841

 89, 41.202,
331.841

 99, 41.202,
331.841

39, 41.202,
331.841

39, 41.202,
331.841

36, 48.353,
332.461

42, 33.304,
331.224

34, 54.417,
333.085

45, 24.966,
330.610

32, 59.061,
333.721

49, 16.426,
330.002

31, 62.045,
334.385

52, 7.856, 329.397

30, 63.726,
335.079

56, 0.626, 149.203

30, 63.850,
335.131

60, 8.944, 148.323

64, 17.054,
147.781

68, 24.936,
147.271

■ 72, 32.582,
146.788

Harmonies

Complementary

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



39, 41.202, 331.841



50, 41.332, 144.820

Rectangle

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



39, 41.202, 331.841



39, 41.202, 21.841



39, 41.202, 151.841



39, 41.202, 201.841

Sweetspot

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



39, 41.200, 331.841



64, 15.777, 329.765



33, 41.687, 301.024



32, 10.726, 329.873



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



39, 41.200, 331.841



47, 59.236, 332.526



38, 30.980, 358.581



26, 4.748, 329.389



29, 62.502, 335.108



0, 1.130, 328.889

Inverse Universe

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



39, 41.200, 331.841



47, 59.236, 332.526



51, 27.606, 167.460



26, 4.748, 329.389



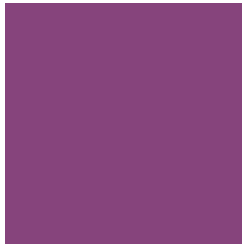
29, 62.502, 335.108



0, 1.130, 328.889

Previews

White Background



This preview shows how the CIELCh color 39, 41.202, 331.841 looks on a white background.

Color Contrast Check

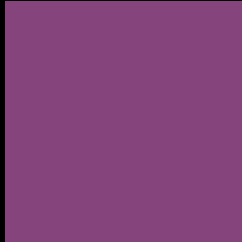
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.202, 331.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

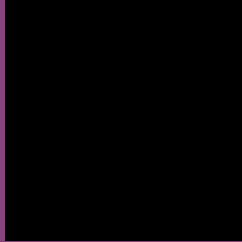
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 39, 41.202, 331.841

Background



This preview shows how black text looks on a background with the CIELCh color 39, 41.202, 331.841.

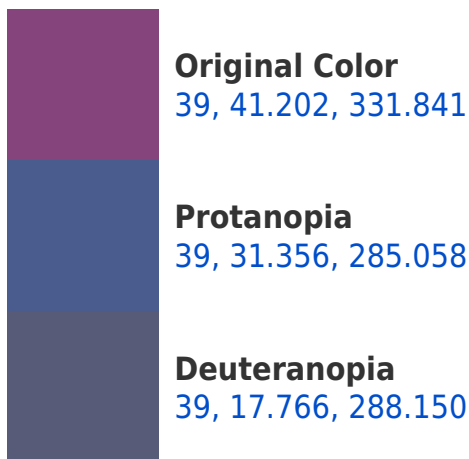


This preview shows how white text looks on a background with the CIELCh color 39, 41.202, 331.841.

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





Tritanopia
39, 23.490, 14.424

Trichromacy



Original Color
39, 41.202, 331.841

Protanomaly
39, 32.337, 302.840

Deuteranomaly
39, 24.722, 312.262

Tritanomaly
39, 27.695, 352.802

Monochromacy



Original Color
39, 41.202, 331.841

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 15.701, 330.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 41.202, 331.841 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(134, 68, 124)` looks like.

```
.text, #text, p{  
    color:rgb(134, 68, 124)  
}
```

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(134, 68, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 68, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 41.202, 331.841 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(134, 68, 124) }
```

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

```
.border{ border-color:rgb(134, 68, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 68, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 68, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 68, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 68,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 41.202, 331.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 68, 124) }
```

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

```
.background{ background-color: rgb(134, 68,  
124) }
```

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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