

Converting Colors

CIELCh(39, 47.771, 330.923)

Have a look what the booklet for
CIELCh(39, 47.771, 330.923)
contains.

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Color

CIELCh(39, 47.595, 330.982)

Conversions

Conversions Part 1

Format	Color
Hex	8B3F82
RGB	139, 63, 130
RGB Percent	55%, 25%, 51%
CMY	0.4548, 0.7529, 0.4901
CMYK	0.00, 0.55, 0.06, 0.45
HSL	307°, 38%, 40%
HSV	307°, 55%, 55%
XYZ	16.4585, 10.6589, 22.3141
YIQ	93.3620, 23.7890, 36.9490

Conversions

Conversions Part 2

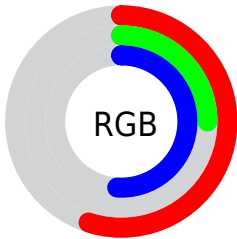
Format	Color
R _Y B	139, 63, 130
Decimal	9125762
CIE Lab	39.00, 41.62, -23.09
CIE LCh	39, 47.595, 330.982
Yxy	10.6589, 0.3330, 0.2156
Android (android.graphics.Color)	4287315842 (0xFF8B3F82)
YUV	93.3620, 18.0625, 40.0245
Hunter-Lab	32.6480, 32.8509, -17.6696

Details

The CIELCh color $[39, 47.595, 330.982]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[52, 47.978, 143.177]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 47.606, 330.929]$, and $[19, 47.567, 330.949]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 54.530, 331.541]$, and if you desaturate by 10%, it is $[42, 39.674, 330.410]$.

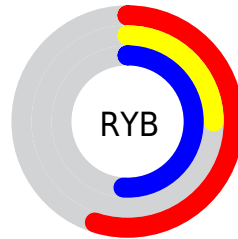
Distribution



Red (55%)

Green (25%)

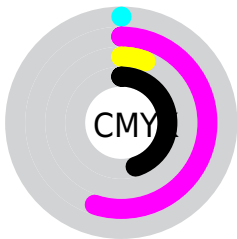
Blue (51%)



Red (55%)

Yellow (25%)

Blue (51%)

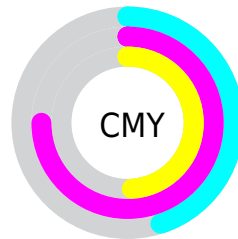


Cyan (0%)

Magenta (55%)

Yellow (6%)

Black (45%)



Cyan (45%)


Magenta (75%)


Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 47.595, 330.982 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, 47.595, 330.982 by changing the saturation by 10% instead.


 39, 47.595,
330.982


 39, 47.595,
330.982

 100, 47.595,
330.982


 29, 47.595,
330.982

 59, 47.595,
330.982


 19, 47.595,
330.982


 69, 47.595,
330.982

 9, 47.595, 330.982

 79, 47.595,
330.982

 0, 47.595, 330.982

 89, 47.595,
330.982

 99, 47.595,
330.982

39, 47.595,
330.982

39, 47.595,
330.982

36, 54.530,
331.541

42, 39.674,
330.410

34, 60.128,
332.085

45, 31.118,
329.827

33, 64.090,
332.622

49, 22.212,
329.241

32, 66.311,
333.163

52, 13.178,
328.654

32, 67.211,
333.451

56, 4.171, 328.048

60, 4.705, 147.593

64, 13.385,
147.028

68, 21.833,
146.508

■ 72, 30.034,
146.017

Harmonies

Complementary

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



39, 47.595, 330.982



52, 47.978, 143.177

Rectangle

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



39, 47.595, 330.982



39, 47.595, 20.982



39, 47.595, 150.982



39, 47.595, 200.982

Sweetspot

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



39, 47.593, 330.982



66, 17.846, 328.753



31, 48.129, 300.930



34, 12.151, 328.858



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



39, 47.593, 330.982



47, 68.275, 331.693



38, 35.686, 357.264



27, 5.015, 328.328



30, 64.973, 333.425



0, 2.314, 327.835

Inverse Universe

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



39, 47.593, 330.982



47, 68.275, 331.693



53, 32.044, 164.568



27, 5.015, 328.328



30, 64.973, 333.425



0, 2.314, 327.835

Previews

White Background



This preview shows how the CIELCh color 39, 47.595, 330.982 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, 47.595, 330.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

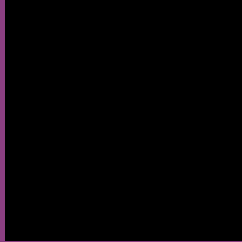
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 47.595, 330.982

Background



This preview shows how black text looks on a background with the CIELCh color 39, 47.595, 330.982.

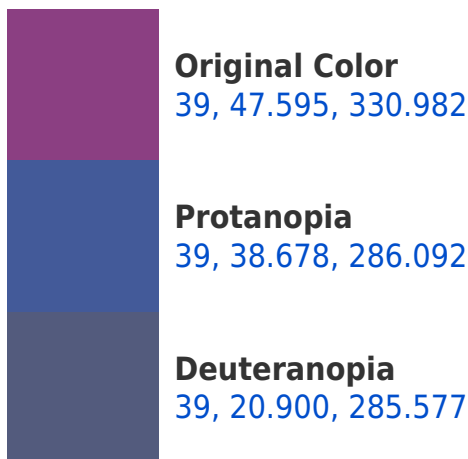


This preview shows how white text looks on a background with the CIELCh color 39, 47.595, 330.982.

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, 26.275, 15.922

Trichromacy



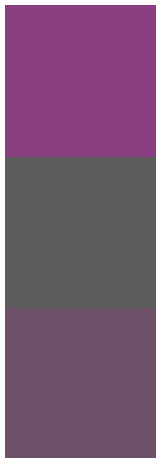
Original Color
39, 47.595, 330.982

Protanomaly
38, 40.242, 301.972

Deuteranomaly
38, 29.479, 310.077

Tritanomaly
39, 31.105, 352.330

Monochromacy



Original Color
39, 47.595, 330.982

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 18.599, 330.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 47.595, 330.982 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(139, 63, 130)` looks like.

```
.text, #text, p{  
    color:rgb(139, 63, 130)  
}
```

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(139, 63, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 63, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 47.595, 330.982 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(139, 63, 130) }
```

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

```
.border{ border-color:rgb(139, 63, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 63, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 63, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 63, 130);  
box-shadow:4px 4px 4px 4px rgb(139, 63,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 47.595, 330.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 63, 130) }
```

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

```
.background{ background-color: rgb(139, 63,  
130) }
```

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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