

Converting Colors

CIELCh(39, 51.305, 325.471)

Have a look what the booklet for
CIELCh(39, 51.305, 325.471)
contains.

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Color

CIELCh(39, 51.529, 325.200)

Conversions

Conversions Part 1

Format	Color
Hex	873F8C
RGB	135, 63, 140
RGB Percent	53%, 25%, 55%
CMY	0.4695, 0.7519, 0.4499
CMYK	0.04, 0.55, 0.00, 0.45
HSL	296°, 38%, 40%
HSV	296°, 55%, 55%
XYZ	16.5815, 10.6589, 26.0982
YIQ	93.3060, 18.1950, 39.2110

Conversions

Conversions Part 2

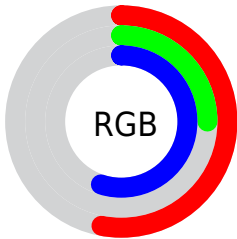
Format	Color
R _Y B	135, 63, 140
Decimal	8863628
CIE Lab	39.00, 42.31, -29.41
CIE LCh	39, 51.529, 325.200
Yxy	10.6589, 0.3109, 0.1998
Android (android.graphics.Color)	4287053708 (0xFF873F8C)
YUV	93.3060, 23.0201, 36.5656
Hunter-Lab	32.6480, 33.5236, -24.5417

Details

The CIELCh color $[39, 51.529, 325.200]$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $[52, 51.525, 138.734]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 51.640, 325.147]$, and $[19, 51.286, 325.502]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 59.197, 325.509]$, and if you desaturate by 10%, it is $[42, 42.889, 324.815]$.

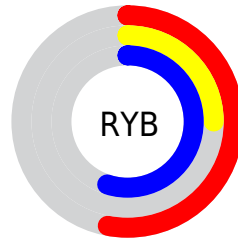
Distribution



Red (53%)

Green (25%)

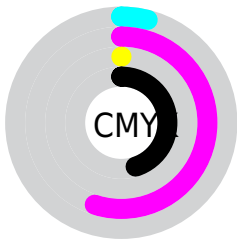
Blue (55%)



Red (53%)

Yellow (25%)

Blue (55%)

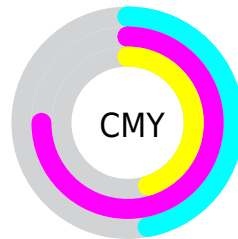


Cyan (4%)

Magenta (55%)

Yellow (0%)

Black (45%)



Cyan (47%)


Magenta (75%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 51.529, 325.200 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, 51.529, 325.200 by changing the saturation by 10% instead.


 39, 51.529,
325.200


 39, 51.529,
325.200

 100, 51.529,
325.200

 29, 51.529,
325.200

 59, 51.529,
325.200


 19, 51.529,
325.200

 69, 51.529,
325.200

 9, 51.529, 325.200

 79, 51.529,
325.200

 0, 51.529, 325.200

 89, 51.529,
325.200

 99, 51.529,
325.200

39, 51.529,
325.200

39, 51.529,
325.200

36, 59.197,
325.509

42, 42.889,
324.815

34, 65.529,
325.720

45, 33.631,
324.377

33, 70.209,
325.815

49, 24.043,
323.903

32, 73.121,
325.785

53, 14.344,
323.411

31, 74.342,
325.753

56, 4.688, 322.893

60, 4.820, 142.488

64, 14.118,
141.994

68, 23.169,
141.540

■ 72, 31.956,
141.113

Harmonies

Complementary

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



39, 51.529, 325.200



52, 51.525, 138.734

Rectangle

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



39, 51.529, 325.200



39, 51.529, 15.200



39, 51.529, 145.200



39, 51.529, 195.200

Sweetspot

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



39, 51.527, 325.200



67, 19.201, 323.483



32, 45.271, 295.695



34, 12.927, 323.571



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, 51.527, 325.200



47, 74.298, 325.573



38, 39.310, 345.506



28, 5.497, 323.122



30, 72.361, 325.762



1, 3.690, 322.690

Inverse Universe

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



37, 35.616, 21.169



44, 54.242, 24.546



53, 38.021, 154.671



28, 3.253, 14.639



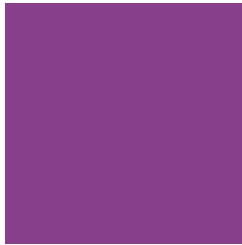
27, 62.103, 36.180



0, 2.133, 14.026

Previews

White Background



This preview shows how the CIE LCh color 39, 51.529, 325.200 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, 51.529, 325.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

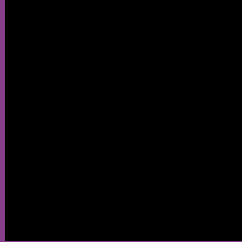
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 51.529, 325.200

Background



This preview shows how black text looks on a background with the CIELCh color 39, 51.529, 325.200.

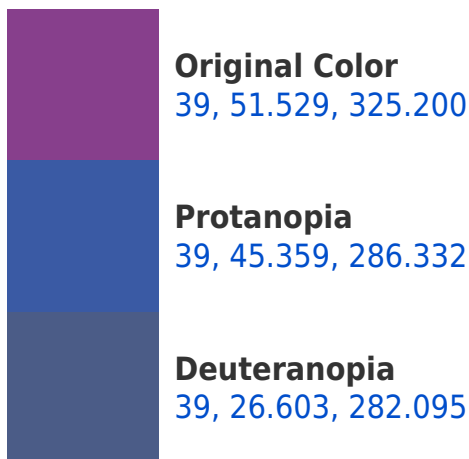


This preview shows how white text looks on a background with the CIELCh color 39, 51.529, 325.200.

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, 22.550, 13.862

Trichromacy



Original Color
39, 51.529, 325.200

Protanomaly
38, 46.089, 299.057

Deuteranomaly
39, 34.254, 303.719

Tritanomaly
39, 29.904, 345.965

Monochromacy



Original Color
39, 51.529, 325.200

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 20.066, 323.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 51.529, 325.200 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, 63, 140)` looks like.

```
.text, #text, p{  
    color:rgb(135, 63, 140)  
}
```

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, 63, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 63, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 51.529, 325.200 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, 63, 140) }
```

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

```
.border{ border-color:rgb(135, 63, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 63, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 63, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 63, 140);  
box-shadow:4px 4px 4px 4px rgb(135, 63,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 51.529, 325.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 63, 140) }
```

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

```
.background{ background-color: rgb(135, 63,  
140) }
```

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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