

Converting Colors

CIELCh(51, 39.491, 347.450)

Have a look what the booklet for
CIELCh(51, 39.491, 347.450)
contains.

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Color

CIELCh(51, 39.392, 347.674)

Conversions

Conversions Part 1

Format	Color
Hex	B15F89
RGB	177, 95, 137
RGB Percent	69%, 37%, 54%
CMY	0.3068, 0.6282, 0.4636
CMYK	0.00, 0.46, 0.23, 0.31
HSL	329°, 34%, 53%
HSV	329°, 46%, 69%
XYZ	26.6548, 19.2686, 25.9037
YIQ	124.3060, 35.3900, 30.4460

Conversions

Conversions Part 2

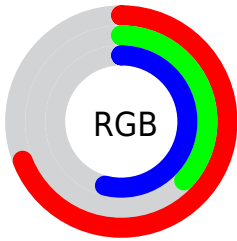
Format	Color
R _Y B	177, 95, 137
Decimal	11624329
CIE Lab	51.00, 38.48, -8.41
CIE LCh	51, 39.392, 347.674
Yxy	19.2686, 0.3711, 0.2683
Android (android.graphics.Color)	4289814409 (0xFFB15F89)
YUV	124.3060, 6.2581, 46.2126
Hunter-Lab	43.8960, 31.5717, -4.2607

Details

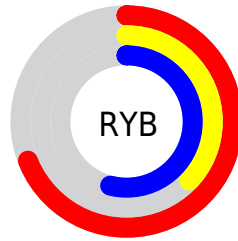
The CIELCh color $51, 39.392, 347.674$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $66, 37.540, 158.324$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 39.485, 347.644$, and $31, 39.085, 347.847$ is the 20% darker color. If you saturate the color by 10%, you get $47, 47.084, 349.150$, and if you desaturate by 10%, it is $55, 31.083, 346.420$.

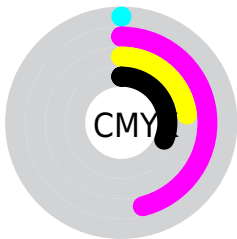
Distribution



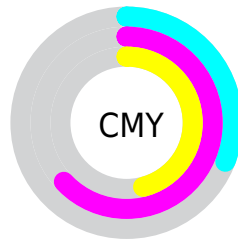
- Red (69%)
- Green (37%)
- Blue (54%)



- Red (69%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (46%)
- Yellow (23%)
- Black (31%)





- Cyan (31%)
- Magenta (63%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 39.392, 347.674 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 51, 39.392, 347.674 by changing the saturation by 10% instead.


 51, 39.392,
347.674


 51, 39.392,
347.674


 100, 39.392,
347.674


 41, 39.392,
347.674


 71, 39.392,
347.674

 31, 39.392,
347.674

 81, 39.392,
347.674

 21, 39.392,
347.674

 91, 39.392,
347.674

 11, 39.392,
347.674

 1, 39.392, 347.674

 0, 39.392, 347.674

51, 39.392,
347.674

51, 39.392,
347.674

47, 47.084,
349.150

55, 31.083,
346.420

44, 53.756,
350.930

60, 22.494,
345.326

41, 58.976,
353.129

64, 13.859,
344.350

39, 62.420,
355.893

69, 5.336, 343.440

38, 64.079,
359.356


74, 2.984, 162.843

38, 64.542, 0.692

79, 11.051,
162.031

84, 18.845,
161.352

89, 26.364,
160.731

 94, 33.617,
160.156

Harmonies

Complementary

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



51, 39.392, 347.674



66, 37.540, 158.324

Rectangle

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



51, 39.392, 347.674



51, 39.392, 37.674



51, 39.392, 167.674



51, 39.392, 217.674

Sweetspot

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



51, 39.389, 347.675



83, 14.621, 344.154



48, 49.960, 310.865



43, 10.105, 344.348



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



51, 39.389, 347.675



61, 57.750, 349.246



50, 36.170, 23.105



35, 4.796, 343.709



33, 58.091, 0.176



2, 10.680, 349.178

Inverse Universe

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



51, 39.389, 347.675



61, 57.750, 349.246



67, 26.261, 195.623



35, 4.796, 343.709



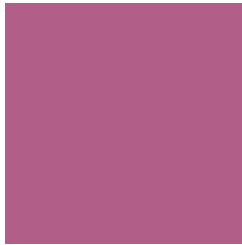
33, 58.091, 0.176



2, 10.680, 349.178

Previews

White Background



This preview shows how the CIELCh color 51, 39.392, 347.674 looks on a white background.

Color Contrast Check

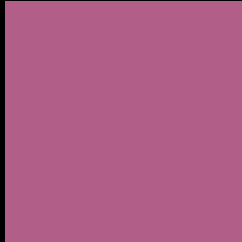
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 39.392, 347.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

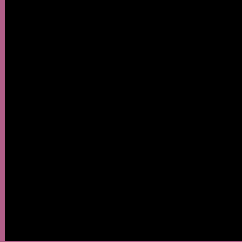
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 39.392, 347.674

Background



This preview shows how black text looks on a background with the CIELCh color 51, 39.392, 347.674.



This preview shows how white text looks on a background with the CIELCh color 51, 39.392, 347.674.

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
51, 31.896, 15.550

Trichromacy



Original Color
51, 39.392, 347.674

Protanomaly
50, 23.796, 316.855

Deuteranomaly
51, 19.909, 337.429

Tritanomaly
51, 33.568, 4.365

Monochromacy



Original Color
51, 39.392, 347.674

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 15.198, 343.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 39.392, 347.674 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(177, 95, 137)` looks like.

```
.text, #text, p{  
    color:rgb(177, 95, 137)  
}
```

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(177, 95, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 95, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 39.392, 347.674 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(177, 95, 137) }
```

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

```
.border{ border-color:rgb(177, 95, 137) }
```

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

Here you see how a box with a 4 pixel rgb(177, 95, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 95, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 95, 137);  
box-shadow:4px 4px 4px 4px rgb(177, 95,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 39.392, 347.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 95, 137) }
```

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

```
.background{ background-color: rgb(177, 95,  
137) }
```

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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