

Converting Colors

CIELCh(51, 43.114, 347.909)

Have a look what the booklet for
CIELCh(51, 43.114, 347.909)
contains.

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Color

CIELCh(51, 43.376, 347.941)

Conversions

Conversions Part 1

Format	Color
Hex	B65B8A
RGB	182, 91, 138
RGB Percent	71%, 36%, 54%
CMY	0.2862, 0.6430, 0.4587
CMYK	0.00, 0.50, 0.24, 0.29
HSL	329°, 38%, 54%
HSV	329°, 50%, 71%
XYZ	27.6278, 19.2686, 26.3153
YIQ	123.5670, 39.1490, 33.9090

Conversions

Conversions Part 2

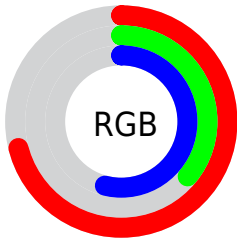
Format	Color
R_{YB}	182, 91, 138
Decimal	11950986
CIE _{Lab}	51.00, 42.42, -9.06
CIE _{LCh}	51, 43.376, 347.941
Yxy	19.2686, 0.3774, 0.2632
Android (android.graphics.Color)	4290141066 (0xFFB65B8A)
YUV	123.5670, 7.1155, 51.2457
Hunter-Lab	43.8960, 35.5284, -4.8166

Details

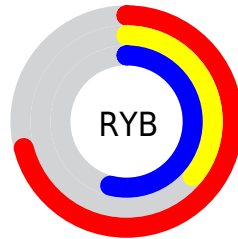
The CIELCh color **51, 43.376, 347.941** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **68, 41.324, 157.613**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 43.207, 348.291**, and **31, 43.588, 348.197** is the 20% darker color. If you saturate the color by 10%, you get **47, 50.922, 349.508**, and if you desaturate by 10%, it is **55, 35.042, 346.621**.

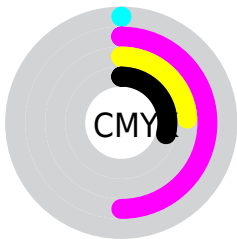
Distribution



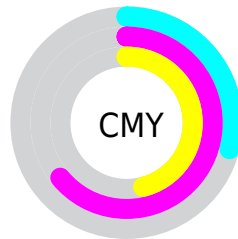
- Red (71%)
- Green (36%)
- Blue (54%)



- Red (71%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (50%)
- Yellow (24%)
- Black (29%)





- Cyan (29%)
- Magenta (64%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 43.376, 347.941 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, 43.376, 347.941 by changing the saturation by 10% instead.


 51, 43.376,
347.941


 51, 43.376,
347.941


 100, 43.376,
347.941


 41, 43.376,
347.941


 71, 43.376,
347.941

 31, 43.376,
347.941

 81, 43.376,
347.941

 21, 43.376,
347.941

 91, 43.376,
347.941

 11, 43.376,
347.941

 1, 43.376, 347.941

 0, 43.376, 347.941

51, 43.376,
347.941

51, 43.376,
347.941

47, 50.922,
349.508

55, 35.042,
346.621

44, 57.246,
351.414

60, 26.303,
345.479

42, 61.926,
353.786

64, 17.435,
344.468

40, 64.711,
356.777

69, 8.628, 343.547

39, 66.000, 0.393


74, 0.007, 248.462

39, 66.001, 0.396

79, 8.385, 162.077

84, 16.494,
161.371

89, 24.320,
160.731

 94, 31.869,
160.141

Harmonies

Complementary

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



51, 43.376, 347.941



68, 41.324, 157.613

Rectangle

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



51, 43.376, 347.941



51, 43.376, 37.941



51, 43.376, 167.941



51, 43.376, 217.941

Sweetspot

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



51, 43.373, 347.942



85, 16.150, 344.024



47, 55.262, 311.068



44, 11.130, 344.218



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



51, 43.373, 347.942



61, 62.953, 349.686



50, 40.343, 23.839



36, 4.923, 343.489



33, 58.845, 359.852



3, 12.324, 349.844

Inverse Universe

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



51, 43.373, 347.942



61, 62.953, 349.686



69, 28.442, 195.465



36, 4.923, 343.489



33, 58.845, 359.852



3, 12.324, 349.844

Previews

White Background



This preview shows how the CIELCh color 51, 43.376, 347.941 looks on a white background.

Color Contrast Check

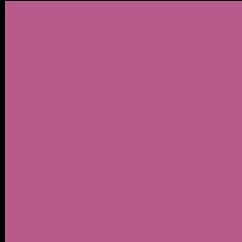
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 51, 43.376, 347.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

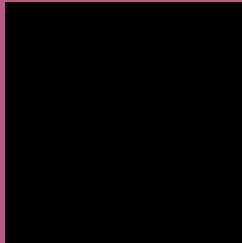
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 43.376, 347.941

Background



This preview shows how black text looks on a background with the CIELCh color 51, 43.376, 347.941.

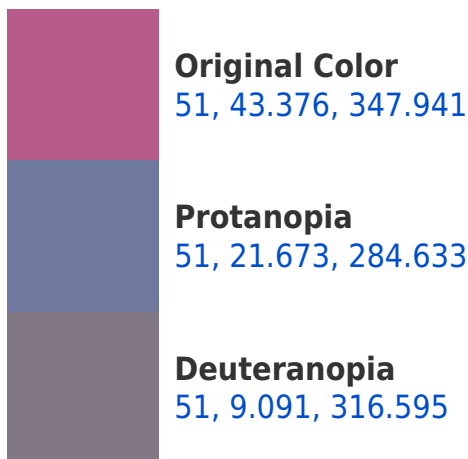


This preview shows how white text looks on a background with the CIELCh color 51, 43.376, 347.941.

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, 35.032, 17.722

Trichromacy



Original Color
51, 43.376, 347.941

Protanomaly
50, 26.063, 315.540

Deuteranomaly
51, 21.521, 337.566

Tritanomaly
51, 36.931, 5.068

Monochromacy



Original Color
51, 43.376, 347.941

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 16.503, 344.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 43.376, 347.941 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(182, 91, 138)` looks like.

```
.text, #text, p{  
    color:rgb(182, 91, 138)  
}
```

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(182, 91, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 91, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 43.376, 347.941 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(182, 91, 138) }
```

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

```
.border{ border-color:rgb(182, 91, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 91, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 91, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 91, 138); box-shadow:4px 4px 4px 4px rgb(182, 91, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 43.376, 347.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 91, 138) }
```

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

```
.background{ background-color: rgb(182, 91,  
138) }
```

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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