

Converting Colors

CIELCh(47, 63.636, 332.032)

Have a look what the booklet for
CIELCh(47, 63.636, 332.032)
contains.

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Color

CIELCh(47, 63.757, 331.801)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--|
| Hex | B143A3 |
| RGB | 177, 67, 163 |
| RGB Percent | 69%, 26%, 64% |
| CMY | 0.3057, 0.7370, 0.3606 |
| CMYK | 0.00, 0.62, 0.08, 0.31 |
| HSL | 308°, 45%, 48% |
| HSV | 308°, 62%, 69% |
| XYZ | 26.7684, 16.0195, 36.3539 |
| YIQ | 110.8340, 34.7440, 53.1760 |

Conversions

Conversions Part 2

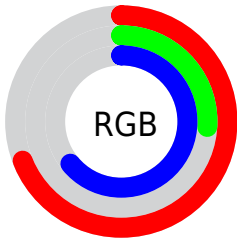
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 177, 67, 163 |
| Decimal | 11617187 |
| CIE _{Lab} | 47.00, 56.19, -30.13 |
| CIE _{LCh} | 47, 63.757, 331.801 |
| Yxy | 16.0195, 0.3382, 0.2024 |
| Android (android.graphics.Color) | 4289807267 (0xFFB143A3) |
| YUV | 110.8340, 25.7178, 58.0276 |
| Hunter-Lab | 40.0243, 49.3390, -25.8359 |

Details

The CIELCh color **47, 63.757, 331.801** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **64, 64.832, 142.334**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 63.511, 331.856**, and **27, 62.544, 331.681** is the 20% darker color. If you saturate the color by 10%, you get **44, 70.743, 332.380**, and if you desaturate by 10%, it is **50, 55.162, 331.213**.

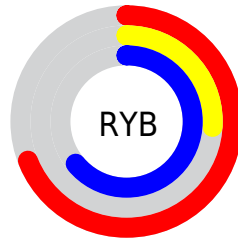
Distribution



Red (69%)

Green (26%)

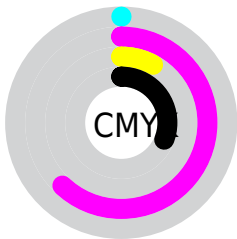
Blue (64%)



Red (69%)

Yellow (26%)

Blue (64%)

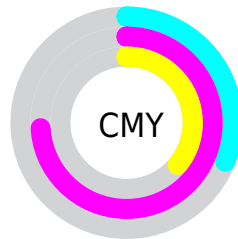


Cyan (0%)

Magenta (62%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (74%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 63.757, 331.801 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 47, 63.757, 331.801 by changing the saturation by 10% instead.


 47, 63.757,
331.801


 47, 63.757,
331.801


 100, 63.757,
331.801


 37, 63.757,
331.801

 67, 63.757,
331.801


 27, 63.757,
331.801

 77, 63.757,
331.801

 17, 63.757,
331.801

 87, 63.757,
331.801

 7, 63.757, 331.801

 97, 63.757,
331.801

 0, 63.757, 331.801

 47, 63.757,

 47, 63.757,

331.801

44, 70.743,
332.380

43, 75.735,
332.958

41, 78.531,
333.548

41, 79.576,
334.028

331.801

50, 55.162,
331.213

54, 45.421,
330.614

58, 34.958,
330.010

62, 24.123,
329.405

67, 13.176,
328.801

71, 2.300, 328.125

76, 8.390, 147.707

81, 18.822,
147.148

■ 86, 28.962,
146.625

Harmonies

Complementary

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



47, 63.757, 331.801



64, 64.832, 142.334

Rectangle

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



47, 63.757, 331.801



47, 63.757, 21.801



47, 63.757, 151.801



47, 63.757, 201.801

Sweetspot

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



47, 63.755, 331.801



80, 25.566, 329.236



36, 67.469, 302.286



41, 17.586, 329.405



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



47, 63.755, 331.801



56, 88.724, 332.620



45, 48.673, 359.097



35, 6.184, 328.631



35, 71.537, 333.952



2, 14.284, 330.038

Inverse Universe

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



47, 63.755, 331.801



56, 88.724, 332.620



65, 43.272, 163.280



35, 6.184, 328.631



35, 71.537, 333.952



2, 14.284, 330.038

Previews

White Background



This preview shows how the CIELCh color 47, 63.757, 331.801 looks on a white background.

Color Contrast Check

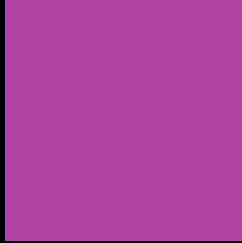
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 63.757, 331.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

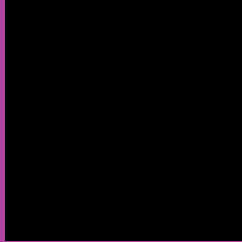
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 63.757, 331.801

Background



This preview shows how black text looks on a background with the CIELCh color 47, 63.757, 331.801.

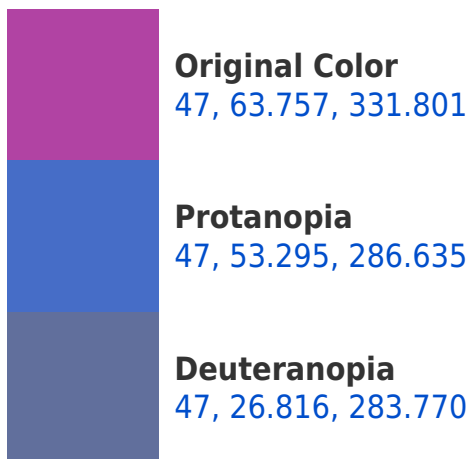


This preview shows how white text looks on a background with the CIELCh color 47, 63.757, 331.801.

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
47, 36.171, 19.330

Trichromacy



Original Color
47, 63.757, 331.801

Protanomaly
45, 54.869, 301.594

Deuteranomaly
46, 39.585, 310.540

Tritanomaly
47, 42.015, 355.155

Monochromacy



Original Color
47, 63.757, 331.801

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 25.911, 329.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 63.757, 331.801 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, 67, 163)` looks like.

```
.text, #text, p{  
    color:rgb(177, 67, 163)  
}
```

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, 67, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 67, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 63.757, 331.801 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, 67, 163) }
```

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

```
.border{ border-color:rgb(177, 67, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 67, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 67, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 67, 163);  
box-shadow:4px 4px 4px 4px rgb(177, 67,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 63.757, 331.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 67, 163) }
```

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

```
.background{ background-color: rgb(177, 67,  
163) }
```

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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