

Converting Colors

CIELCh(43, 46.493, 2.873)

Have a look what the booklet for
CIELCh(43, 46.493, 2.873) contains.

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Color

CIELCh(43, 46.688, 3.081)

Conversions

Conversions Part 1

Format	Color
Hex	AA4063
RGB	170, 64, 99
RGB Percent	67%, 25%, 39%
CMY	0.3326, 0.7483, 0.6111
CMYK	0.00, 0.62, 0.42, 0.33
HSL	340°, 45%, 46%
HSV	340°, 62%, 67%
XYZ	20.7219, 13.1578, 13.2923
YIQ	99.6840, 51.9410, 33.3570

Conversions

Conversions Part 2

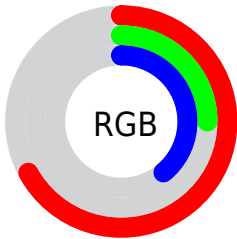
Format	Color
R_{YB}	170, 64, 99
Decimal	11157603
CIE _{Lab}	43.00, 46.62, 2.51
CIE _{LCh}	43, 46.688, 3.081
Yxy	13.1578, 0.4393, 0.2789
Android (android.graphics.Color)	4289347683 (0xFFAA4063)
YUV	99.6840, -0.3372, 61.6671
Hunter-Lab	36.2736, 38.4919, 3.6651

Details

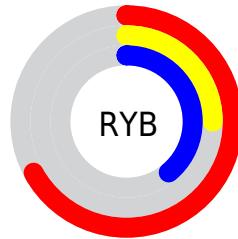
The CIELCh color **43, 46.688, 3.081** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **63, 39.971, 166.794**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 46.873, 2.902**, and **23, 46.440, 2.781** is the 20% darker color. If you saturate the color by 10%, you get **40, 52.813, 5.955**, and if you desaturate by 10%, it is **46, 39.671, 0.799**.

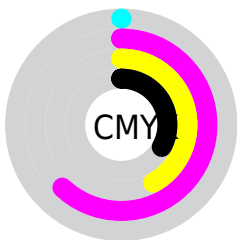
Distribution



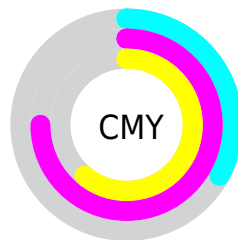
- Red (67%)
- Green (25%)
- Blue (39%)



- Red (67%)
- Yellow (25%)
- Blue (39%)



- Cyan (0%)
- Magenta (62%)
- Yellow (42%)
- Black (33%)



- Cyan (33%)
- Magenta (75%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 46.688, 3.081 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 43, 46.688, 3.081 by changing the saturation by 10% instead.


 43, 46.688, 3.081  43, 46.688, 3.081

 100, 46.688, 3.081  33, 46.688, 3.081

 63, 46.688, 3.081  23, 46.688, 3.081


 73, 46.688, 3.081  13, 46.688, 3.081

 83, 46.688, 3.081  3, 46.688, 3.081

 93, 46.688, 3.081  0, 46.688, 3.081

 43, 46.688, 3.081  43, 46.688, 3.081

 40, 52.813, 5.955  46, 39.671, 0.799

 38, 57.758, 9.587  50, 32.123,
358.955

 36, 61.433, 14.110

36, 63.822, 17.982

55, 24.353,
357.434

59, 16.594,
356.149

64, 8.996, 355.032

69, 1.647, 353.870

73, 5.412, 173.352

78, 12.166,
172.551

83, 18.623,
171.855

Harmonies

Complementary

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



43, 46.688, 3.081



63, 39.971, 166.794

Rectangle

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



43, 46.688, 3.081



43, 46.688, 53.081



43, 46.688, 183.081



43, 46.688, 233.081

Sweetspot

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



43, 46.685, 3.083



77, 17.468, 355.806



41, 65.507, 317.112



40, 12.172, 356.130



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 46.685, 3.083



51, 66.999, 7.331



46, 44.169, 38.127



33, 4.082, 354.716



31, 57.403, 17.273



2, 7.144, 357.075

Inverse Universe

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



43, 46.685, 3.083



51, 66.999, 7.331



59, 26.936, 219.442



33, 4.082, 354.716



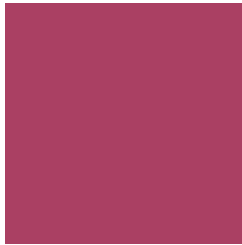
31, 57.403, 17.273



2, 7.144, 357.075

Previews

White Background



This preview shows how the CIELCh color 43, 46.688, 3.081 looks on a white background.

Color Contrast Check

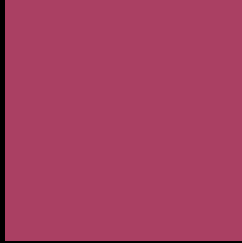
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 46.688, 3.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

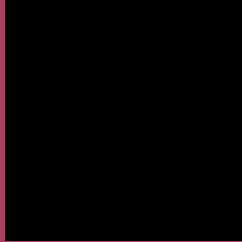
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 46.688, 3.081

Background



This preview shows how black text looks on a background with the CIELCh color 43, 46.688, 3.081.



This preview shows how white text looks on a background with the CIELCh color 43, 46.688, 3.081.

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



Original Color

43, 46.688, 3.081

Protanopia

43, 12.062, 286.496

Deuteranopia

43, 7.565, 43.349



Tritanopia
43, 44.877, 23.418

Trichromacy



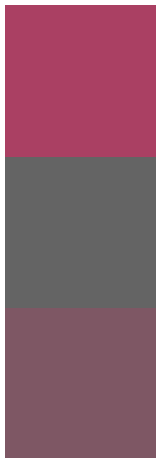
Original Color
43, 46.688, 3.081

Protanomaly
42, 20.909, 336.519

Deuteranomaly
42, 21.927, 7.061

Tritanomaly
43, 45.001, 15.885

Monochromacy



Original Color
43, 46.688, 3.081

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 18.241, 356.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 46.688, 3.081 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(170, 64, 99)` looks like.

```
.text, #text, p{  
  color:rgb(170, 64, 99)  
}
```

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(170, 64, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 64, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 46.688, 3.081 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(170, 64, 99) }
```

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

```
.border{ border-color:rgb(170, 64, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 64, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 64, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 64, 99);  
box-shadow:4px 4px 4px 4px rgb(170, 64,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 46.688, 3.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 64, 99) }
```

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

```
.background{ background-color: rgb(170, 64,  
99) }
```

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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