

Converting Colors

CIELCh(44, 62.521, 2.969)

Have a look what the booklet for
CIELCh(44, 62.521, 2.969) contains.

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Color

CIELCh(44, 62.521, 2.969)

Conversions

Conversions Part 1

Format	Color
Hex	C12865
RGB	193, 40, 101
RGB Percent	76%, 16%, 40%
CMY	0.2424, 0.8422, 0.6033
CMYK	0.00, 0.79, 0.48, 0.24
HSL	336°, 66%, 46%
HSV	336°, 79%, 76%
XYZ	25.1639, 13.8382, 13.6963
YIQ	92.7010, 71.6070, 51.4070

Conversions

Conversions Part 2

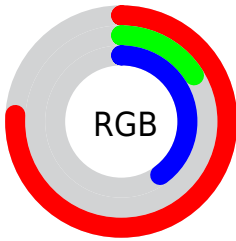
Format	Color
RYB	193, 40, 101
Decimal	12658789
CIELab	44.00, 62.44, 3.24
CIElCh	44, 62.521, 2.969
Yxy	13.8382, 0.4775, 0.2626
Android (android.graphics.Color)	4290848869 (0xFFC12865)
YUV	92.7010, 4.0914, 87.9622
Hunter-Lab	37.1997, 55.6474, 4.2103

Details

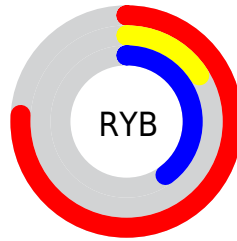
The CIELCh color **44, 62.521, 2.969** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **70, 56.315, 159.261**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 62.607, 2.702**, and **27, 52.110, 8.830** is the 20% darker color. If you saturate the color by 10%, you get **42, 66.252, 6.888**, and if you desaturate by 10%, it is **47, 57.122, 359.875**.

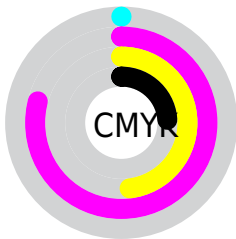
Distribution



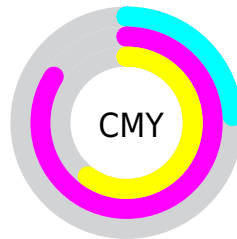
- Red (76%)
- Green (16%)
- Blue (40%)



- Red (76%)
- Yellow (16%)
- Blue (40%)



- Cyan (0%)
- Magenta (79%)
- Yellow (48%)
- Black (24%)















- Cyan (24%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 62.521, 2.969 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 44, 62.521, 2.969 by changing the saturation by 10% instead.

 44, 62.521, 2.969	 44, 62.521, 2.969
 100, 62.521, 2.969	 34, 62.521, 2.969
 64, 62.521, 2.969	 24, 62.521, 2.969
 74, 62.521, 2.969	 14, 62.521, 2.969
 84, 62.521, 2.969	 4, 62.521, 2.969
 94, 62.521, 2.969	 0, 62.521, 2.969

 44, 62.521, 2.969	 44, 62.521, 2.969
 42, 66.252, 6.888	 47, 57.122, 359.875
 41, 68.665, 11.622	
 41, 68.870, 12.019	 50, 50.280, 357.428

■ 54, 42.392,
355.464

■ 58, 33.883,
353.853

■ 63, 25.107,
352.500

■ 68, 16.322,
351.334

■ 73, 7.695, 350.294

■ 79, 0.679, 170.090

■ 84, 8.750, 168.700

Harmonies

Complementary

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



44, 62.521, 2.969



70, 56.315, 159.261

Rectangle

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



44, 62.521, 2.969



44, 62.521, 52.969



44, 62.521, 182.969



44, 62.521, 232.969

Sweetspot

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



44, 62.518, 2.970



83, 25.343, 351.921



38, 88.222, 315.277



42, 17.469, 352.351



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 62.518, 2.970



54, 82.529, 10.340



45, 67.487, 37.188



38, 4.771, 350.314



34, 59.987, 11.227



3, 15.089, 358.258

Inverse Universe

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



44, 62.518, 2.970



54, 82.529, 10.340



67, 34.707, 211.142



38, 4.771, 350.314



34, 59.987, 11.227



3, 15.089, 358.258

Previews

White Background



This preview shows how the CIELCh color 44, 62.521, 2.969 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 44, 62.521, 2.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

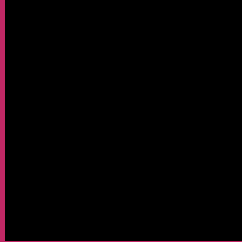
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 62.521, 2.969

Background



This preview shows how black text looks on a background with the CIELCh color 44, 62.521, 2.969.



This preview shows how white text looks on a background with the CIELCh color 44, 62.521, 2.969.

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

44, 62.521, 2.969

Protanopia

45, 19.853, 284.738

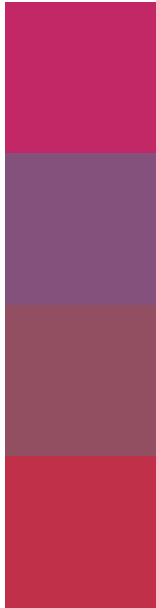
Deuteranopia

44, 8.909, 47.988



Tritanopia
44, 63.124, 30.131

Trichromacy



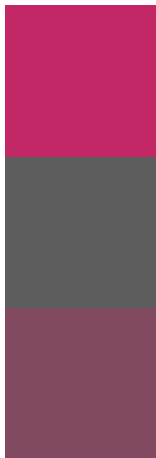
Original Color
44, 62.521, 2.969

Protanomaly
41, 32.076, 330.751

Deuteranomaly
42, 30.279, 3.933

Tritanomaly
44, 61.357, 20.246

Monochromacy



Original Color
44, 62.521, 2.969

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 26.545, 354.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 62.521, 2.969 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(193, 40, 101)` looks like.

```
.text, #text, p{  
    color:rgb(193, 40, 101)  
}
```

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(193, 40, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 40, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 62.521, 2.969 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(193, 40, 101) }
```

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

```
.border{ border-color:rgb(193, 40, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 40, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 40, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 40, 101);  
box-shadow:4px 4px 4px 4px rgb(193, 40,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 62.521, 2.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 40, 101) }
```

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

```
.background{ background-color: rgb(193, 40,  
101) }
```

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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