

Converting Colors

CIELCh(42, 67.927, 4.441)

Have a look what the booklet for
CIELCh(42, 67.927, 4.441) contains.

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Color

CIELCh(42, 67.856, 4.606)

Conversions

Conversions Part 1

Format	Color
Hex	C20A5D
RGB	194, 10, 93
RGB Percent	76%, 4%, 36%
CMY	0.2388, 0.9593, 0.6350
CMYK	0.00, 0.95, 0.52, 0.24
HSL	333°, 90%, 40%
HSV	333°, 95%, 76%
XYZ	24.3681, 12.5000, 11.5045
YIQ	74.4780, 83.0210, 64.8210

Conversions

Conversions Part 2

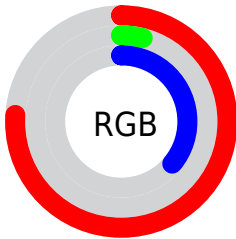
Format	Color
RYB	194, 10, 93
Decimal	12716637
CIELab	42.00, 67.64, 5.45
CIElCh	42, 67.856, 4.606
Yxy	12.5000, 0.5038, 0.2584
Android (android.graphics.Color)	4290906717 (0xFFC20A5D)
YUV	74.4780, 9.1313, 104.8208
Hunter-Lab	35.3553, 61.1562, 5.4560

Details

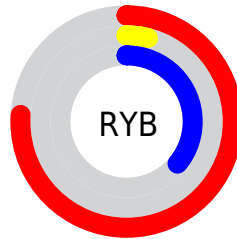
The CIELCh color **42, 67.856, 4.606** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **69, 66.741, 152.885**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 67.447, 4.456**, and **27, 52.547, 13.799** is the 20% darker color. If you saturate the color by 10%, you get **41, 68.756, 6.972**, and if you desaturate by 10%, it is **43, 65.471, 0.611**.

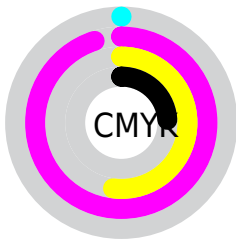
Distribution



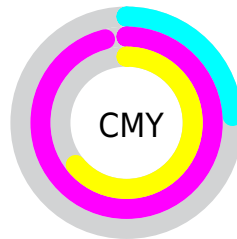
- Red (76%)
- Green (4%)
- Blue (36%)



- Red (76%)
- Yellow (4%)
- Blue (36%)



- Cyan (0%)
- Magenta (95%)
- Yellow (52%)
- Black (24%)





- Cyan (24%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 67.856, 4.606 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 42, 67.856, 4.606 by changing the saturation by 10% instead.

 42, 67.856, 4.606  42, 67.856, 4.606

 100, 67.856, 4.606  32, 67.856, 4.606

 62, 67.856, 4.606  22, 67.856, 4.606

 72, 67.856, 4.606  12, 67.856, 4.606

 82, 67.856, 4.606  2, 67.856, 4.606

 92, 67.856, 4.606  0, 67.856, 4.606

 42, 67.856, 4.606  42, 67.856, 4.606

 41, 68.756, 6.972  43, 65.471, 0.611

 46, 61.277,
357.443

■ 48, 55.330,
354.942

■ 52, 47.983,
352.940

■ 56, 39.687,
351.301

■ 61, 30.863,
349.927

■ 66, 21.840,
348.745

■ 71, 12.847,
347.703

■ 76, 4.029, 346.718

Harmonies

Complementary

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



42, 67.856, 4.606



69, 66.741, 152.885

Rectangle

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



42, 67.856, 4.606



42, 67.856, 54.606



42, 67.856, 184.606



42, 67.856, 234.606

Sweetspot

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



42, 67.853, 4.607



81, 30.782, 349.173



33, 98.751, 312.954



41, 21.471, 349.700



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



42, 67.853, 4.607



54, 83.803, 7.820



41, 81.749, 38.987



38, 4.928, 347.188



34, 59.761, 6.232



3, 15.432, 355.284

Inverse Universe

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



42, 67.853, 4.607



54, 83.803, 7.820



69, 38.753, 201.557



38, 4.928, 347.188



34, 59.761, 6.232



3, 15.432, 355.284

Previews

White Background



This preview shows how the CIELCh color 42, 67.856, 4.606 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 CIELCh color 42, 67.856, 4.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

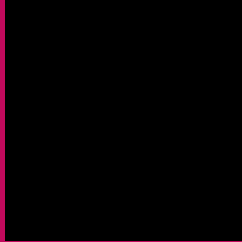
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 67.856, 4.606

Background



This preview shows how black text looks on a background with the CIELCh color 42, 67.856, 4.606.

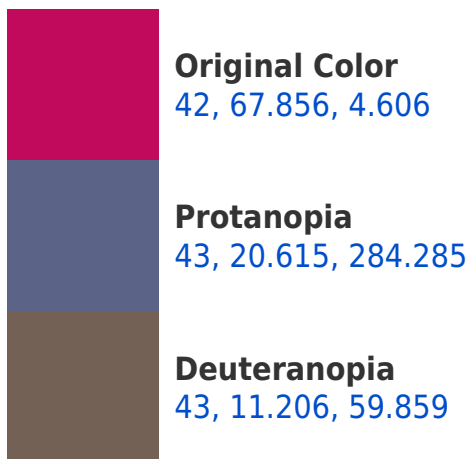


This preview shows how white text looks on a background with the CIELCh color 42, 67.856, 4.606.

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
42, 71.099, 33.854

Trichromacy



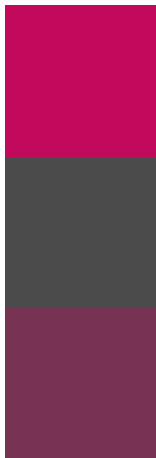
Original Color
42, 67.856, 4.606

Protanomaly
38, 38.627, 331.586

Deuteranomaly
39, 35.967, 4.058

Tritanomaly
42, 68.273, 23.676

Monochromacy



Original Color
42, 67.856, 4.606

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 33.388, 352.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 67.856, 4.606 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(194, 10, 93)` looks like.

```
.text, #text, p{  
    color:rgb(194, 10, 93)  
}
```

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(194, 10, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 10, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 67.856, 4.606 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(194, 10, 93) }
```

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

```
.border{ border-color:rgb(194, 10, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 10, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 10, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 10, 93);  
box-shadow:4px 4px 4px 4px rgb(194, 10,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 67.856, 4.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 10, 93) }
```

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

```
.background{ background-color: rgb(194, 10,  
93) }
```

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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