

Converting Colors

CIELCh(42, 68.887, 357.841)

Have a look what the booklet for
CIELCh(42, 68.887, 357.841)
contains.

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Color

CIELCh(42, 68.893, 357.758)

Conversions

Conversions Part 1

Format	Color
Hex	C1066A
RGB	193, 6, 106
RGB Percent	76%, 2%, 42%
CMY	0.2433, 0.9768, 0.5844
CMYK	0.00, 0.97, 0.45, 0.24
HSL	328°, 94%, 39%
HSV	328°, 97%, 76%
XYZ	24.6461, 12.5000, 14.7407
YIQ	73.3130, 79.3520, 70.7440

Conversions

Conversions Part 2

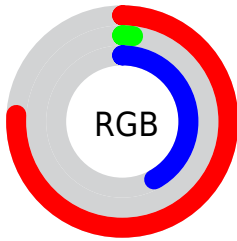
Format	Color
R_{YB}	193, 6, 106
Decimal	12650090
CIE _{Lab}	42.00, 68.84, -2.70
CIE _{LCh}	42, 68.893, 357.758
Yxy	12.5000, 0.4750, 0.2409
Android (android.graphics.Color)	4290840170 (0xFFC1066A)
YUV	73.3130, 16.1147, 104.9655
Hunter-Lab	35.3553, 62.5599, 0.0289

Details

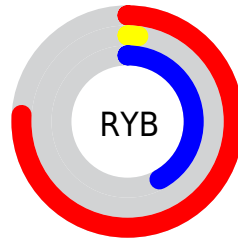
The CIELCh color **42, 68.893, 357.758** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **69, 73.510, 148.036**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 68.760, 357.694**, and **28, 52.068, 5.987** is the 20% darker color. If you saturate the color by 10%, you get **42, 69.202, 358.853**, and if you desaturate by 10%, it is **43, 67.435, 354.416**.

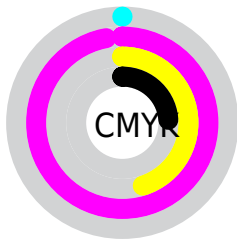
Distribution



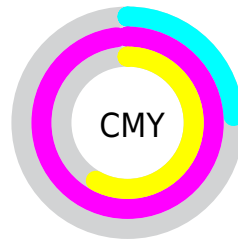
- Red (76%)
- Green (2%)
- Blue (42%)



- Red (76%)
- Yellow (2%)
- Blue (42%)



- Cyan (0%)
- Magenta (97%)
- Yellow (45%)
- Black (24%)



- Cyan (24%)
- Magenta (98%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 68.893, 357.758 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, 68.893, 357.758 by changing the saturation by 10% instead.

 42, 68.893,
357.758

 42, 68.893,
357.758

 100, 68.893,
357.758


 32, 68.893,
357.758

 62, 68.893,
357.758

 22, 68.893,
357.758

 72, 68.893,
357.758

 12, 68.893,
357.758

 82, 68.893,
357.758

 2, 68.893, 357.758

 92, 68.893,
357.758

 0, 68.893, 357.758

 42, 68.893,

 42, 68.893,

357.758

357.758

■ 42, 69.202,
358.853

■ 43, 67.435,
354.416

■ 45, 64.017,
351.744

■ 48, 58.608,
349.617

■ 51, 51.549,
347.891

■ 55, 43.310,
346.457

■ 60, 34.346,
345.231

■ 64, 25.030,
344.159

■ 69, 15.634,
343.200

Harmonies

Complementary

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



42, 68.893, 357.758



69, 73.510, 148.036

Rectangle

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



42, 68.893, 357.758



42, 68.893, 47.758



42, 68.893, 177.758



42, 68.893, 227.758

Sweetspot

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



42, 68.890, 357.759



80, 33.275, 344.418



30, 100.890, 310.917



40, 22.838, 344.876



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



42, 68.890, 357.759



54, 83.898, 359.533



40, 81.093, 37.307



38, 5.213, 342.525



34, 60.519, 358.273



3, 16.155, 350.229

Inverse Universe

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



42, 68.890, 357.759



54, 83.898, 359.533



71, 42.122, 189.185



38, 5.213, 342.525



34, 60.519, 358.273



3, 16.155, 350.229

Previews

White Background



This preview shows how the CIELCh color 42, 68.893, 357.758 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, 68.893, 357.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

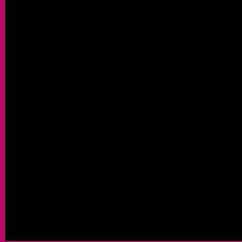
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 68.893, 357.758

Background



This preview shows how black text looks on a background with the CIELCh color 42, 68.893, 357.758.

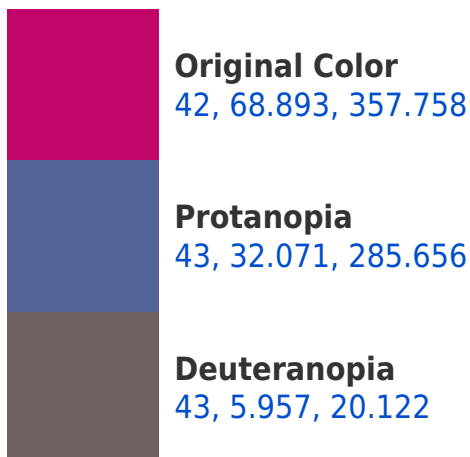


This preview shows how white text looks on a background with the CIELCh color 42, 68.893, 357.758.

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, 68.208, 32.598

Trichromacy



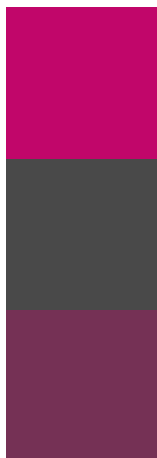
Original Color
42, 68.893, 357.758

Protanomaly
37, 46.679, 321.812

Deuteranomaly
39, 36.985, 351.039

Tritanomaly
42, 65.995, 19.579

Monochromacy



Original Color
42, 68.893, 357.758

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 34.972, 348.032

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 68.893, 357.758 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, 6, 106)` looks like.

```
.text, #text, p{  
    color:rgb(193, 6, 106)  
}
```

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, 6, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 6, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 68.893, 357.758 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, 6, 106) }
```

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

```
.border{ border-color:rgb(193, 6, 106) }
```

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

Here you see how a box with a 4 pixel rgb(193, 6, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 6, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 6, 106);  
box-shadow:4px 4px 4px 4px rgb(193, 6,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 68.893, 357.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 6, 106) }
```

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

```
.background{ background-color: rgb(193, 6,  
106) }
```

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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