

Converting Colors

CIELCh(42, 69.250, 358.073)

Have a look what the booklet for
CIELCh(42, 69.250, 358.073)
contains.

CIELCh(42, 69.299, 358.397)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(42, 69.299, 358.397)

Conversions

Conversions Part 1

Format	Color
Hex	C20269
RGB	194, 2, 105
RGB Percent	76%, 1%, 41%
CMY	0.2402, 0.9911, 0.5890
CMYK	0.00, 0.99, 0.46, 0.24
HSL	328°, 98%, 38%
HSV	328°, 99%, 76%
XYZ	24.7463, 12.5000, 14.4174
YIQ	71.1500, 81.3690, 72.7370

Conversions

Conversions Part 2

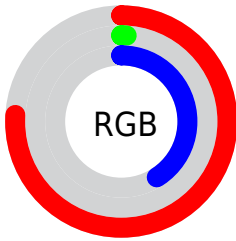
Format	Color
RYB	194, 2, 105
Decimal	12714601
CIELab	42.00, 69.27, -1.94
CIELCh	42, 69.299, 358.397
Yxy	12.5000, 0.4790, 0.2419
Android (android.graphics.Color)	4290904681 (0xFFC20269)
YUV	71.1500, 16.6880, 107.7394
Hunter-Lab	35.3553, 63.0659, 0.5712

Details

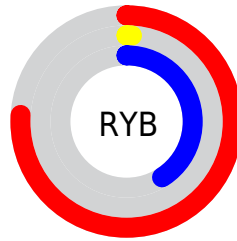
The CIELCh color **42, 69.299, 358.397** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **69, 74.642, 147.600**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 69.298, 358.201**, and **28, 52.349, 7.042** is the 20% darker color. If you saturate the color by 10%, you get **42, 69.419, 358.817**, and if you desaturate by 10%, it is **43, 68.072, 354.960**.

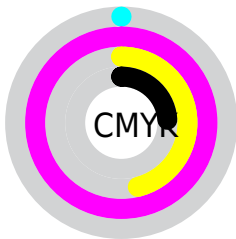
Distribution



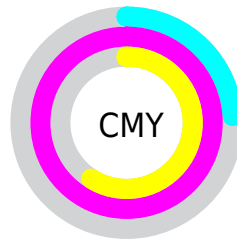
- Red (76%)
- Green (1%)
- Blue (41%)



- Red (76%)
- Yellow (1%)
- Blue (41%)



- Cyan (0%)
- Magenta (99%)
- Yellow (46%)
- Black (24%)





- Cyan (24%)
- Magenta (99%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 69.299, 358.397 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, 69.299, 358.397 by changing the saturation by 10% instead.


 42, 69.299,
358.397


 42, 69.299,
358.397


 100, 69.299,
358.397

 32, 69.299,
358.397

 62, 69.299,
358.397


 22, 69.299,
358.397

 72, 69.299,
358.397

 12, 69.299,
358.397

 82, 69.299,
358.397

 2, 69.299, 358.397

 92, 69.299,
358.397

 0, 69.299, 358.397

 42, 69.299,

 42, 69.299,

358.397

358.397

■ 42, 69.419,
358.817

■ 43, 68.072,
354.960

■ 45, 65.042,
352.171

■ 47, 59.978,
349.954

■ 51, 53.177,
348.163

■ 55, 45.098,
346.681

■ 59, 36.209,
345.422

■ 64, 26.903,
344.325

■ 69, 17.472,
343.348

Harmonies

Complementary

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



42, 69.299, 358.397



69, 74.642, 147.600

Rectangle

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



42, 69.299, 358.397



42, 69.299, 48.397



42, 69.299, 178.397



42, 69.299, 228.397

Sweetspot

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



42, 69.296, 358.398



80, 34.726, 344.497



29, 102.066, 310.831



41, 23.887, 344.962



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, 69.296, 358.398



55, 84.552, 359.508



40, 82.360, 37.850



38, 5.215, 342.498



34, 60.528, 358.226



3, 16.160, 350.198

Inverse Universe

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



42, 69.296, 358.398



55, 84.552, 359.508



71, 42.404, 189.059



38, 5.215, 342.498



34, 60.528, 358.226



3, 16.160, 350.198

Previews

White Background



This preview shows how the CIELCh color 42, 69.299, 358.397 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, 69.299, 358.397 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, 69.299, 358.397

Background



This preview shows how black text looks on a background with the CIELCh color 42, 69.299, 358.397.

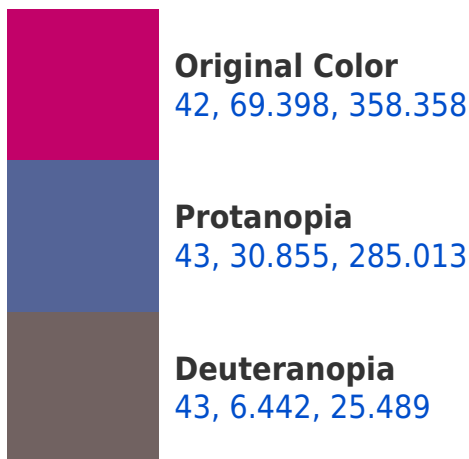


This preview shows how white text looks on a background with the CIELCh color 42, 69.299, 358.397.

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
43, 68.876, 33.057

Trichromacy



Original Color
42, 69.398, 358.358

Protanomaly
37, 46.921, 322.705

Deuteranomaly
38, 38.182, 351.676

Tritanomaly
42, 66.671, 20.108

Monochromacy



Original Color
42, 69.398, 358.358

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 35.852, 348.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 69.299, 358.397 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, 2, 105)` looks like.

```
.text, #text, p{  
    color:rgb(194, 2, 105)  
}
```

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, 2, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 2, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 69.299, 358.397 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, 2, 105) }
```

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

```
.border{ border-color:rgb(194, 2, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 2, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 2, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 2, 105);  
box-shadow:4px 4px 4px 4px rgb(194, 2,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 69.299, 358.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 2, 105) }
```

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

```
.background{ background-color: rgb(194, 2,  
105) }
```

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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