

Converting Colors

CIELCh(42, 69.516, 355.611)

Have a look what the booklet for
CIELCh(42, 69.516, 355.611)
contains.

CIELCh(42, 69.572, 355.790)	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, 69.572, 355.790)

Conversions

Conversions Part 1

Format	Color
Hex	C1036E
RGB	193, 3, 110
RGB Percent	76%, 1%, 43%
CMY	0.2441, 0.9869, 0.5694
CMYK	0.00, 0.98, 0.43, 0.24
HSL	326°, 97%, 38%
HSV	326°, 98%, 76%
XYZ	24.7725, 12.5000, 15.8041
YIQ	72.0080, 78.8930, 73.5570

Conversions

Conversions Part 2

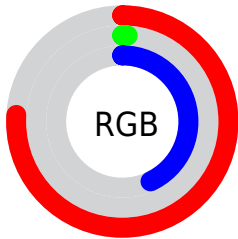
Format	Color
RYB	193, 3, 110
Decimal	12649326
CIELab	42.00, 69.38, -5.11
CIElCh	42, 69.572, 355.790
Yxy	12.5000, 0.4667, 0.2355
Android (android.graphics.Color)	4290839406 (0xFFC1036E)
YUV	72.0080, 18.7301, 106.1100
Hunter-Lab	35.3553, 63.1979, -1.7544

Details

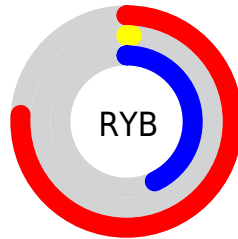
The CIELCh color **42, 69.572, 355.790** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **69, 76.011, 146.524**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 69.686, 355.798**, and **28, 52.176, 3.168** is the 20% darker color. If you saturate the color by 10%, you get **42, 69.722, 356.358**, and if you desaturate by 10%, it is **43, 68.411, 352.659**.

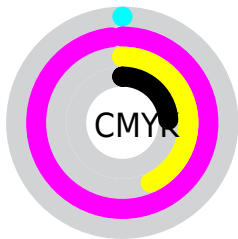
Distribution



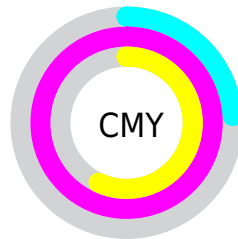
- Red (76%)
- Green (1%)
- Blue (43%)



- Red (76%)
- Yellow (1%)
- Blue (43%)



- Cyan (0%)
- Magenta (98%)
- Yellow (43%)
- Black (24%)





- Cyan (24%)
- Magenta (99%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 69.572, 355.790 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, 69.572, 355.790 by changing the saturation by 10% instead.


 42, 69.572,
355.790


 42, 69.572,
355.790


 100, 69.572,
355.790


 32, 69.572,
355.790

 62, 69.572,
355.790


 22, 69.572,
355.790

 72, 69.572,
355.790

 12, 69.572,
355.790


 82, 69.572,
355.790

 2, 69.572, 355.790

 92, 69.572,
355.790

 0, 69.572, 355.790

 42, 69.572,

 42, 69.572,

355.790

355.790

■ 42, 69.722,
356.358

■ 43, 68.411,
352.659

■ 45, 65.333,
350.126

■ 48, 60.188,
348.101

■ 51, 53.294,
346.452

■ 55, 45.117,
345.074

■ 59, 36.129,
343.890

■ 64, 26.720,
342.849

■ 69, 17.180,
341.914

Harmonies

Complementary

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



42, 69.572, 355.790



69, 76.011, 146.524

Rectangle

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



42, 69.572, 355.790



42, 69.572, 45.790



42, 69.572, 175.790



42, 69.572, 225.790

Sweetspot

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



42, 69.569, 355.791



80, 33.852, 342.967



29, 101.763, 310.520



40, 23.225, 343.405



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, 69.569, 355.791



54, 84.554, 356.985



40, 81.040, 36.993



38, 5.311, 341.141



35, 61.041, 355.830



3, 16.435, 348.578

Inverse Universe

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



42, 69.569, 355.791



54, 84.554, 356.985



70, 42.884, 186.803



38, 5.311, 341.141



35, 61.041, 355.830



3, 16.435, 348.578

Previews

White Background



This preview shows how the CIELCh color 42, 69.572, 355.790 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, 69.572, 355.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

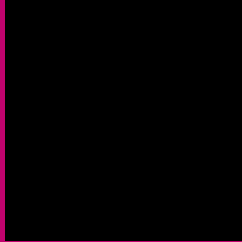
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 69.572, 355.790

Background



This preview shows how black text looks on a background with the CIELCh color 42, 69.572, 355.790.



This preview shows how white text looks on a background with the CIELCh color 42, 69.572, 355.790.

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

42, 69.674, 355.755

Protanopia

43, 35.668, 285.894

Deuteranopia

43, 5.962, 356.442



Tritanopia
42, 67.145, 32.581

Trichromacy



Original Color
42, 69.674, 355.755

Protanomaly
37, 49.649, 319.455

Deuteranomaly
38, 38.556, 347.485

Tritanomaly
42, 65.357, 18.381

Monochromacy



Original Color
42, 69.674, 355.755

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 36.119, 346.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 69.572, 355.790 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, 3, 110)` looks like.

```
.text, #text, p{  
    color:rgb(193, 3, 110)  
}
```

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, 3, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 3, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 69.572, 355.790 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, 3, 110) }
```

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

```
.border{ border-color:rgb(193, 3, 110) }
```

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

Here you see how a box with a 4 pixel rgb(193, 3, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 3, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 3, 110);  
box-shadow:4px 4px 4px 4px rgb(193, 3,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 69.572, 355.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 3, 110) }
```

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

```
.background{ background-color: rgb(193, 3,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor