

Converting Colors

CIELCh(42, 71.374, 350.432)

Have a look what the booklet for
CIELCh(42, 71.374, 350.432)
contains.

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Color

CIELCh(42, 71.432, 350.144)

Conversions

Conversions Part 1

Format	Color
Hex	BF0179
RGB	191, 1, 121
RGB Percent	75%, 0%, 47%
CMY	0.2502, 0.9975, 0.5248
CMYK	0.00, 1.00, 0.37, 0.25
HSL	322°, 99%, 38%
HSV	322°, 100%, 75%
XYZ	25.0043, 12.5000, 19.2382
YIQ	71.4900, 74.7200, 77.6000

Conversions

Conversions Part 2

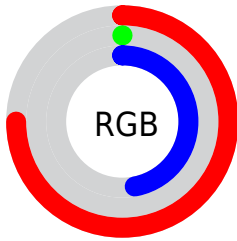
Format	Color
R_{YB}	191, 1, 121
Decimal	12517753
CIE _{Lab}	42.00, 70.38, -12.23
CIE _{LCh}	42, 71.432, 350.144
Yxy	12.5000, 0.4407, 0.2203
Android (android.graphics.Color)	4290707833 (0xFFBF0179)
YUV	71.4900, 24.4084, 104.8103
Hunter-Lab	35.3553, 64.3686, -7.5132

Details

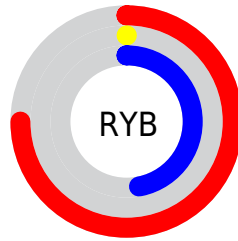
The CIELCh color **42, 71.432, 350.144** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **68, 81.055, 143.418**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 71.274, 350.332**, and **28, 52.731, 356.616** is the 20% darker color. If you saturate the color by 10%, you get **42, 71.451, 350.228**, and if you desaturate by 10%, it is **43, 70.599, 347.688**.

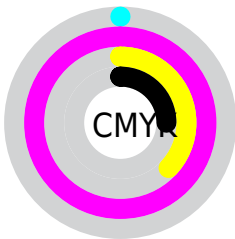
Distribution



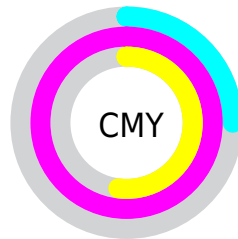
- Red (75%)
- Green (0%)
- Blue (47%)



- Red (75%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 71.432, 350.144 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, 71.432, 350.144 by changing the saturation by 10% instead.

 42, 71.432,
350.144


 42, 71.432,
350.144


 100, 71.432,
350.144

 32, 71.432,
350.144

 62, 71.432,
350.144


 22, 71.432,
350.144

 72, 71.432,
350.144

 12, 71.432,
350.144

 82, 71.432,
350.144

 2, 71.432, 350.144

 92, 71.432,
350.144

 0, 71.432, 350.144

 42, 71.432,

 42, 71.432,

350.144

■ 42, 71.451,
350.228

350.144

■ 43, 70.599,
347.688

■ 45, 67.891,
345.651

■ 47, 62.998,
343.994

■ 50, 56.215,
342.615

■ 54, 48.007,
341.435

■ 58, 38.858,
340.398

■ 63, 29.182,
339.466

■ 67, 19.296,
338.613

Harmonies

Complementary

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



42, 71.432, 350.144



68, 81.055, 143.418

Rectangle

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



42, 71.432, 350.144



42, 71.432, 40.144



42, 71.432, 170.144



42, 71.432, 220.144

Sweetspot

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



42, 71.429, 350.145



79, 36.368, 339.538



27, 103.168, 309.280



40, 24.988, 339.927



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, 71.429, 350.145



54, 86.447, 350.709



40, 78.123, 33.976



37, 5.459, 337.789



34, 62.240, 349.801



3, 15.226, 343.746

Inverse Universe

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



42, 71.429, 350.145



54, 86.447, 350.709



70, 46.054, 178.173



37, 5.459, 337.789



34, 62.240, 349.801



3, 15.226, 343.746

Previews

White Background



This preview shows how the CIELCh color 42, 71.432, 350.144 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, 71.432, 350.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

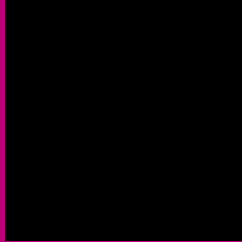
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 71.432, 350.144

Background



This preview shows how black text looks on a background with the CIELCh color 42, 71.432, 350.144.



This preview shows how white text looks on a background with the CIELCh color 42, 71.432, 350.144.

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, 71.327, 350.170

Protanopia

43, 44.677, 285.970

Deuteranopia

43, 8.925, 309.591



Tritanopia
43, 63.909, 30.821

Trichromacy



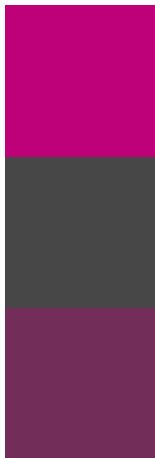
Original Color
42, 71.327, 350.170

Protanomaly
37, 57.198, 313.458

Deuteranomaly
38, 41.692, 337.646

Tritanomaly
42, 63.750, 14.257

Monochromacy



Original Color
42, 71.327, 350.170

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 37.929, 342.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 71.432, 350.144 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(191, 1, 121)` looks like.

```
.text, #text, p{  
    color:rgb(191, 1, 121)  
}
```

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(191, 1, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 1, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 71.432, 350.144 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(191, 1, 121) }
```

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

```
.border{ border-color:rgb(191, 1, 121) }
```

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

Here you see how a box with a 4 pixel rgb(191, 1, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 1, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 1, 121);  
box-shadow:4px 4px 4px 4px rgb(191, 1,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 71.432, 350.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 1, 121) }
```

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

```
.background{ background-color: rgb(191, 1,  
121) }
```

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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