

Converting Colors

CIELCh(42, 93.256, 324.343)

Have a look what the booklet for
CIELCh(42, 93.256, 324.343)
contains.

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Color

CIELCh(42, 93.390, 324.350)

Conversions

Conversions Part 1

Format	Color
Hex	AC01BF
RGB	172, 1, 191
RGB Percent	67%, 0%, 75%
CMY	0.3268, 0.9962, 0.2523
CMYK	0.10, 0.99, 0.00, 0.25
HSL	294°, 99%, 38%
HSV	294°, 99%, 75%
XYZ	26.3168, 12.5000, 50.1269
YIQ	73.7890, 40.9260, 95.3420

Conversions

Conversions Part 2

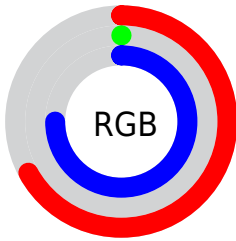
Format	Color
R_{YB}	172, 1, 191
Decimal	11272639
CIE _{Lab}	42.00, 75.89, -54.43
CIE _{LCh}	42, 93.390, 324.350
Yxy	12.5000, 0.2959, 0.1405
Android (android.graphics.Color)	4289462719 (0xFFAC01BF)
YUV	73.7890, 57.7850, 86.1310
Hunter-Lab	35.3553, 70.9950, -59.3128

Details

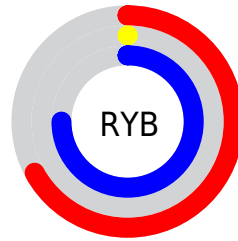
The CIELCh color **42, 93.390, 324.350** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **67, 95.532, 135.575**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 93.387, 324.312**, and **28, 73.389, 322.213** is the 20% darker color. If you saturate the color by 10%, you get **42, 93.502, 324.339**, and if you desaturate by 10%, it is **43, 90.873, 324.551**.

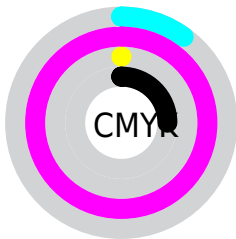
Distribution



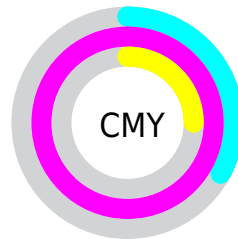
- Red (67%)
- Green (0%)
- Blue (75%)



- Red (67%)
- Yellow (0%)
- Blue (75%)



- Cyan (10%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)





- Cyan (33%)
- Magenta (100%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 93.390, 324.350 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, 93.390, 324.350 by changing the saturation by 10% instead.


 42, 93.390,
324.350


 42, 93.390,
324.350


 100, 93.390,
324.350


 32, 93.390,
324.350

 62, 93.390,
324.350


 22, 93.390,
324.350

 72, 93.390,
324.350

 12, 93.390,
324.350

 82, 93.390,
324.350

 2, 93.390, 324.350

 92, 93.390,
324.350

 0, 93.390, 324.350

 42, 93.390,

 42, 93.390,

324.350

324.350

■ 42, 93.502,
324.339

■ 43, 90.873,
324.551

■ 45, 86.248,
324.611

■ 47, 79.280,
324.519

■ 50, 70.307,
324.295

■ 54, 59.820,
323.969

■ 58, 48.321,
323.567

■ 63, 36.241,
323.117

■ 67, 23.915,
322.639

■ 72, 11.580,
322.145

Harmonies

Complementary

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



42, 93.390, 324.350



67, 95.532, 135.575

Rectangle

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



42, 93.390, 324.350



42, 93.390, 14.350



42, 93.390, 144.350



42, 93.390, 194.350

Sweetspot

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



42, 93.388, 324.350



79, 45.536, 323.163



25, 101.163, 304.602



40, 31.280, 323.358



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, 93.388, 324.350



54, 113.713, 324.279



42, 70.710, 351.410



37, 6.855, 322.138



34, 81.386, 324.392



3, 20.423, 321.067

Inverse Universe

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



40, 79.491, 35.757



52, 97.817, 36.632



68, 79.731, 144.052



37, 4.124, 11.832



33, 68.922, 35.276



3, 12.330, 13.649

Previews

White Background



This preview shows how the CIELCh color 42, 93.390, 324.350 looks on a white background.

Color Contrast Check

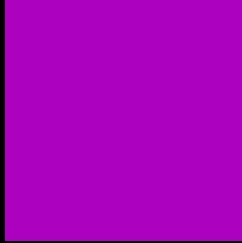
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.390, 324.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

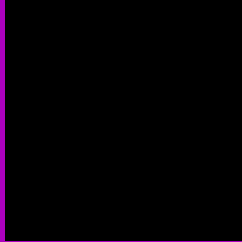
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 93.390, 324.350

Background



This preview shows how black text looks on a background with the CIELCh color 42, 93.390, 324.350.



This preview shows how white text looks on a background with the CIELCh color 42, 93.390, 324.350.

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, 93.503, 324.358

Protanopia

43, 65.013, 286.709

Deuteranopia

43, 46.913, 277.641



Tritanopia
43, 37.475, 21.093

Trichromacy



Original Color
42, 93.503, 324.358



Protanomaly
35, 83.196, 301.342



Deuteranomaly
36, 71.428, 303.026



Tritanomaly
40, 55.796, 344.383

Monochromacy



Original Color
42, 93.503, 324.358



Achromatopsia
31, 0.005, 296.813



Achromatomaly
31, 47.229, 324.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 93.390, 324.350 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(172, 1, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 1, 191)  
}
```

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(172, 1, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 1, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 93.390, 324.350 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(172, 1, 191) }
```

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

```
.border{ border-color:rgb(172, 1, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 1, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 1, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 1, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 1,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 93.390, 324.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 1, 191) }
```

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

```
.background{ background-color: rgb(172, 1,  
191) }
```

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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