

Converting Colors

CIELCh(43, 74.304, 347.404)

Have a look what the booklet for
CIELCh(43, 74.304, 347.404)
contains.

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Color

CIELCh(43, 73.862, 347.513)

Conversions

Conversions Part 1

Format	Color
Hex	C30082
RGB	195, 0, 130
RGB Percent	76%, 0%, 51%
CMY	0.2363, 1.0000, 0.4910
CMYK	0.00, 1.00, 0.33, 0.24
HSL	320°, 100%, 38%
HSV	320°, 100%, 76%
XYZ	26.4472, 13.1578, 22.1890
YIQ	73.1250, 74.4900, 81.7700

Conversions

Conversions Part 2

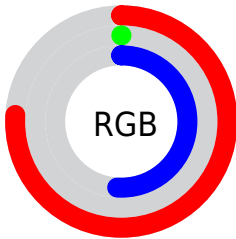
Format	Color
RYB	195, 0, 130
Decimal	12779650
CIELab	43.00, 72.11, -15.97
CIELCh	43, 73.862, 347.513
Yxy	13.1578, 0.4280, 0.2129
Android (android.graphics.Color)	4290969730 (0xFFC30082)
YUV	73.1250, 28.0394, 106.8844
Hunter-Lab	36.2736, 66.6658, -10.8769

Details

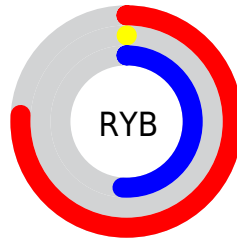
The CIELCh color **43, 73.862, 347.513** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **69, 84.630, 142.138**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 73.669, 347.281**, and **29, 54.910, 352.418** is the 20% darker color. If you saturate the color by 10%, you get **43, 73.782, 347.530**, and if you desaturate by 10%, it is **44, 73.030, 345.383**.

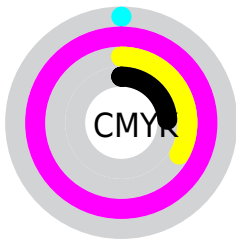
Distribution



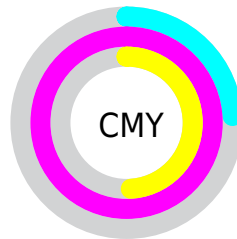
- Red (76%)
- Green (0%)
- Blue (51%)



- Red (76%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (24%)





- Cyan (24%)
- Magenta (100%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 73.862, 347.513 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 43, 73.862, 347.513 by changing the saturation by 10% instead.


 43, 73.862,
347.513


 43, 73.862,
347.513


 100, 73.862,
347.513


 33, 73.862,
347.513

 63, 73.862,
347.513


 23, 73.862,
347.513

 73, 73.862,
347.513

 13, 73.862,
347.513

 83, 73.862,
347.513

 3, 73.862, 347.513

 93, 73.862,
347.513

 0, 73.862, 347.513

 43, 73.862,

 43, 73.862,

347.513

347.513

■ 43, 73.782,
347.530

■ 44, 73.030,
345.383

■ 46, 70.356,
343.585

■ 48, 65.414,
342.105

■ 51, 58.497,
340.856

■ 55, 50.076,
339.771

■ 59, 40.647,
338.804

■ 64, 30.642,
337.925

■ 68, 20.392,
337.112

■ 74, 10.130,
336.345

Harmonies

Complementary

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



43, 73.862, 347.513



69, 84.630, 142.138

Rectangle

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



43, 73.862, 347.513



43, 73.862, 37.513



43, 73.862, 167.513



43, 73.862, 217.513

Sweetspot

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



43, 73.782, 347.530



81, 37.826, 337.965



27, 105.439, 308.750



41, 25.982, 338.335



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 73.782, 347.530



56, 89.419, 347.940



41, 77.720, 32.048



38, 5.717, 336.297



35, 64.149, 347.163



3, 17.750, 342.235

Inverse Universe

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



43, 73.782, 347.530



56, 89.419, 347.940



71, 48.702, 174.293



38, 5.717, 336.297



35, 64.149, 347.163



3, 17.750, 342.235

Previews

White Background



This preview shows how the CIELCh color 43, 73.862, 347.513 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 43, 73.862, 347.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

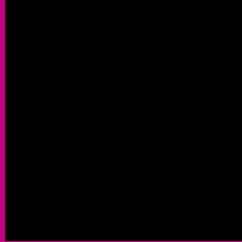
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 73.862, 347.513

Background



This preview shows how black text looks on a background with the CIELCh color 43, 73.862, 347.513.



This preview shows how white text looks on a background with the CIELCh color 43, 73.862, 347.513.

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

43, 73.862, 347.513

Protanopia

44, 50.435, 286.485

Deuteranopia

44, 12.203, 300.981



Tritanopia
44, 63.683, 30.440

Trichromacy



Original Color
43, 73.862, 347.513

Protanomaly
38, 62.467, 311.376

Deuteranomaly
39, 44.369, 333.569

Tritanomaly
43, 64.165, 12.353

Monochromacy



Original Color
43, 73.862, 347.513

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 39.496, 340.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 73.862, 347.513 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(195, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(195, 0, 130)  
}
```

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(195, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 0, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 73.862, 347.513 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(195, 0, 130) }
```

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

```
.border{ border-color:rgb(195, 0, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 0, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(195, 0,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 73.862, 347.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 0, 130) }
```

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

```
.background{ background-color: rgb(195, 0,  
130) }
```

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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