

Converting Colors

CIELCh(52, 79.306, 343.090)

Have a look what the booklet for
CIELCh(52, 79.306, 343.090)
contains.

CIELCh(52, 79.242, 343.076)	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(52, 79.242, 343.076)

Conversions

Conversions Part 1

Format	Color
Hex	DF2AA5
RGB	223, 42, 165
RGB Percent	87%, 16%, 65%
CMY	0.1244, 0.8336, 0.3519
CMYK	0.00, 0.81, 0.26, 0.12
HSL	319°, 74%, 52%
HSV	319°, 81%, 88%
XYZ	38.1771, 20.1443, 37.5947
YIQ	110.1410, 68.3930, 76.6250

Conversions

Conversions Part 2

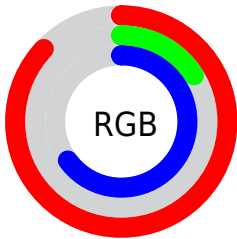
Format	Color
R _Y B	223, 42, 165
Decimal	14625445
CIE Lab	52.00, 75.81, -23.07
CIE LCh	52, 79.242, 343.076
Yxy	20.1443, 0.3980, 0.2100
Android (android.graphics.Color)	4292815525 (0xFFDF2AA5)
YUV	110.1410, 27.0455, 98.9773
Hunter-Lab	44.8824, 73.2881, -18.2451

Details

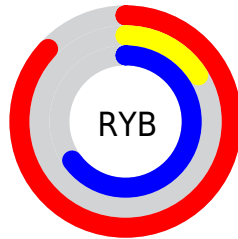
The CIELCh color **52, 79.242, 343.076** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **79, 83.393, 145.281**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 74.237, 336.153**, and **36, 65.882, 345.172** is the 20% darker color. If you saturate the color by 10%, you get **50, 81.793, 344.856**, and if you desaturate by 10%, it is **55, 74.091, 341.610**.

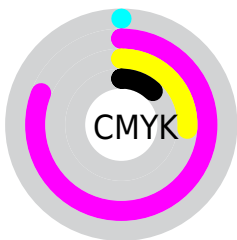
Distribution



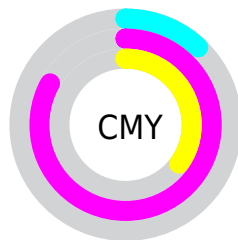
- Red (87%)
- Green (16%)
- Blue (65%)



- Red (87%)
- Yellow (16%)
- Blue (65%)



- Cyan (0%)
- Magenta (81%)
- Yellow (26%)
- Black (12%)





- Cyan (12%)
- Magenta (83%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 79.242, 343.076 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 52, 79.242, 343.076 by changing the saturation by 10% instead.


 52, 79.242,
343.076


 52, 79.242,
343.076


 100, 79.242,
343.076


 42, 79.242,
343.076


 72, 79.242,
343.076

 32, 79.242,
343.076

 82, 79.242,
343.076

 22, 79.242,
343.076

 92, 79.242,
343.076

 12, 79.242,
343.076

 2, 79.242, 343.076

 0, 79.242, 343.076

■ 52, 79.242,
343.076

■ 52, 79.242,
343.076

■ 50, 81.793,
344.856

■ 55, 74.091,
341.610

■ 49, 82.227,
346.755

■ 58, 66.630,
340.372

■ 62, 57.373,
339.296

■ 67, 46.889,
338.336

■ 72, 35.685,
337.460

■ 77, 24.155,
336.649

■ 83, 12.580,
335.884

■ 88, 1.142, 334.883

■ 94, 10.046,
154.590

Harmonies

Complementary

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



52, 79.242, 343.076



79, 83.393, 145.281

Rectangle

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



52, 79.242, 343.076



52, 79.242, 33.076



52, 79.242, 163.076



52, 79.242, 213.076

Sweetspot

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



52, 79.239, 343.076



85, 30.770, 336.900



37, 103.894, 308.451



43, 21.145, 337.191



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 79.239, 343.076



57, 90.786, 346.270



49, 73.475, 21.817



44, 6.511, 335.767



39, 69.031, 346.365



7, 29.000, 342.620

Inverse Universe

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



52, 79.239, 343.076



57, 90.786, 346.270



80, 50.852, 175.536



44, 6.511, 335.767



39, 69.031, 346.365



7, 29.000, 342.620

Previews

White Background



This preview shows how the CIELCh color 52, 79.242, 343.076 looks on a white background.

Color Contrast Check

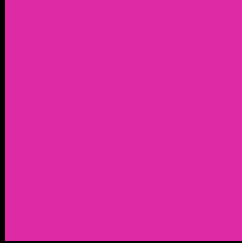
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 52, 79.242, 343.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

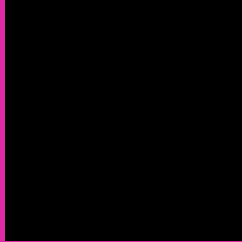
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 79.242, 343.076

Background



This preview shows how black text looks on a background with the CIELCh color 52, 79.242, 343.076.

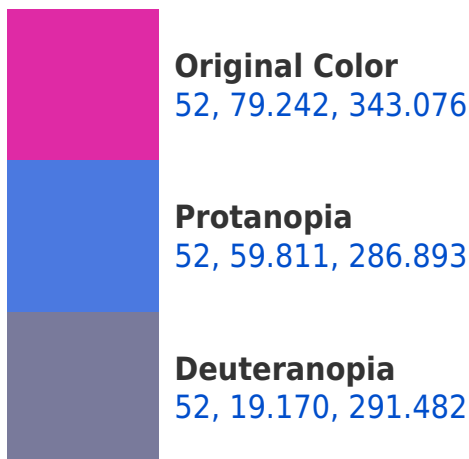


This preview shows how white text looks on a background with the CIELCh color 52, 79.242, 343.076.

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
52, 63.091, 27.328

Trichromacy



Original Color
52, 79.242, 343.076



Protanomaly
48, 65.785, 306.960



Deuteranomaly
49, 44.562, 326.162



Tritanomaly
52, 63.795, 8.314

Monochromacy



Original Color
52, 79.242, 343.076



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 36.317, 338.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 79.242, 343.076 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(223, 42, 165)` looks like.

```
.text, #text, p{  
    color:rgb(223, 42, 165)  
}
```

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(223, 42, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 42, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 79.242, 343.076 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(223, 42, 165) }
```

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

```
.border{ border-color:rgb(223, 42, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 42, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 42, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 42, 165);  
box-shadow:4px 4px 4px 4px rgb(223, 42,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 79.242, 343.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 42, 165) }
```

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

```
.background{ background-color: rgb(223, 42,  
165) }
```

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