

Converting Colors

CIELCh(52, 82.459, 337.808)

Have a look what the booklet for
CIELCh(52, 82.459, 337.808)
contains.

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Color

CIELCh(52, 82.345, 337.696)

Conversions

Conversions Part 1

Format	Color
Hex	DB2CB3
RGB	219, 44, 179
RGB Percent	86%, 17%, 70%
CMY	0.1408, 0.8269, 0.2977
CMYK	0.00, 0.80, 0.18, 0.14
HSL	314°, 71%, 52%
HSV	314°, 80%, 86%
XYZ	38.2933, 20.1443, 44.5644
YIQ	111.7150, 60.9650, 79.0850

Conversions

Conversions Part 2

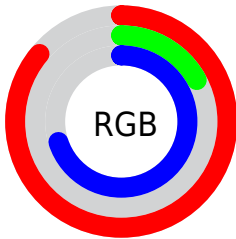
Format	Color
R _{YB}	219, 44, 179
Decimal	14363827
CIE Lab	52.00, 76.18, -31.25
CIE LCh	52, 82.345, 337.696
Yxy	20.1443, 0.3718, 0.1956
Android (android.graphics.Color)	4292553907 (0xFFDB2CB3)
YUV	111.7150, 33.1715, 94.0889
Hunter-Lab	44.8824, 73.7504, -27.4522

Details

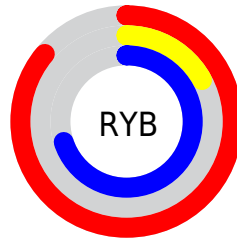
The CIELCh color **52, 82.345, 337.696** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **77, 87.135, 142.444**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 79.007, 331.964**, and **36, 69.255, 338.475** is the 20% darker color. If you saturate the color by 10%, you get **50, 85.444, 338.813**, and if you desaturate by 10%, it is **54, 76.631, 336.721**.

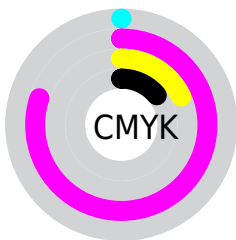
Distribution



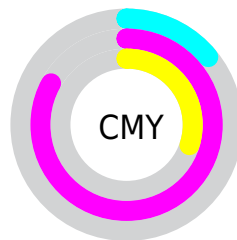
- Red (86%)
- Green (17%)
- Blue (70%)



- Red (86%)
- Yellow (17%)
- Blue (70%)



- Cyan (0%)
- Magenta (80%)
- Yellow (18%)
- Black (14%)




- Cyan (14%)
- Magenta (83%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 82.345, 337.696 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, 82.345, 337.696 by changing the saturation by 10% instead.


 52, 82.345,
337.696

 52, 82.345,
337.696

 100, 82.345,
337.696


 42, 82.345,
337.696

 72, 82.345,
337.696

 32, 82.345,
337.696

 82, 82.345,
337.696

 22, 82.345,
337.696

 92, 82.345,
337.696

 12, 82.345,
337.696

 2, 82.345, 337.696

 0, 82.345, 337.696

■ 52, 82.345,
337.696

■ 52, 82.345,
337.696

■ 50, 85.444,
338.813

■ 54, 76.631,
336.721

■ 49, 86.249,
340.100

■ 58, 68.618,
335.843

■ 49, 86.256,
340.120

■ 62, 58.821,
335.030

■ 66, 47.799,
334.264

■ 71, 36.052,
333.534

■ 76, 23.971,
332.833

■ 82, 11.835,
332.152

■ 88, 0.168, 153.562

■ 93, 11.924,
150.966

Harmonies

Complementary

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



52, 82.345, 337.696



77, 87.135, 142.444

Rectangle

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



52, 82.345, 337.696



52, 82.345, 27.696



52, 82.345, 157.696



52, 82.345, 207.696

Sweetspot

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



52, 82.342, 337.696



85, 32.803, 333.135



35, 102.279, 306.589



43, 22.532, 333.388



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, 82.342, 337.696



58, 96.541, 339.702



49, 69.524, 13.087



43, 6.823, 332.123



39, 72.630, 339.887



6, 29.422, 337.446

Inverse Universe

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



52, 82.342, 337.696



58, 96.541, 339.702



79, 55.334, 167.031



43, 6.823, 332.123



39, 72.630, 339.887



6, 29.422, 337.446

Previews

White Background



This preview shows how the CIELCh color 52, 82.345, 337.696 looks on a white background.

Color Contrast Check

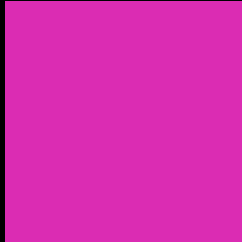
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.345, 337.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

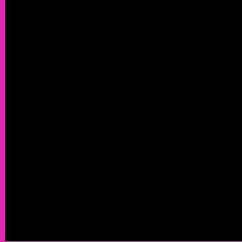
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 82.345, 337.696

Background



This preview shows how black text looks on a background with the CIELCh color 52, 82.345, 337.696.

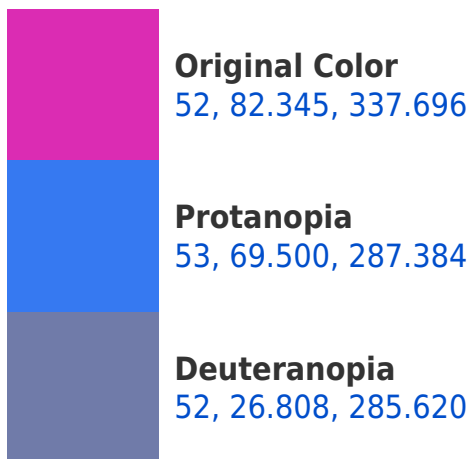


This preview shows how white text looks on a background with the CIELCh color 52, 82.345, 337.696.

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, 58.032, 25.592

Trichromacy



Original Color
52, 82.345, 337.696



Protanomaly
48, 73.298, 302.883



Deuteranomaly
49, 49.765, 318.310



Tritanomaly
51, 61.480, 3.103

Monochromacy



Original Color
52, 82.345, 337.696



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 37.336, 334.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 82.345, 337.696 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(219, 44, 179)` looks like.

```
.text, #text, p{  
    color:rgb(219, 44, 179)  
}
```

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(219, 44, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 44, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 82.345, 337.696 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(219, 44, 179) }
```

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

```
.border{ border-color:rgb(219, 44, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 44, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 44, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 44, 179);  
box-shadow:4px 4px 4px 4px rgb(219, 44,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 82.345, 337.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 44, 179) }
```

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

```
.background{ background-color: rgb(219, 44,  
179) }
```

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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