

Converting Colors

CIELCh(56, 82.314, 344.810)

Have a look what the booklet for
CIELCh(56, 82.314, 344.810)
contains.

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Color

CIELCh(56, 82.403, 344.626)

Conversions

Conversions Part 1

Format	Color
Hex	F130AE
RGB	241, 48, 174
RGB Percent	95%, 19%, 68%
CMY	0.0544, 0.8110, 0.3172
CMYK	0.00, 0.80, 0.28, 0.05
HSL	321°, 87%, 57%
HSV	321°, 80%, 95%
XYZ	45.0351, 23.9124, 42.3438
YIQ	120.0710, 74.5820, 80.1020

Conversions

Conversions Part 2

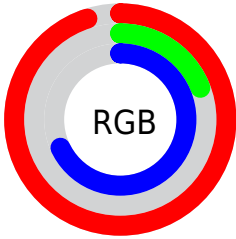
Format	Color
R _Y B	241, 48, 174
Decimal	15806638
CIE Lab	56.00, 79.45, -21.85
CIE LCh	56, 82.403, 344.626
Yxy	23.9124, 0.4047, 0.2149
Android (android.graphics.Color)	4293996718 (0xFFFF130AE)
YUV	120.0710, 26.5870, 106.0547
Hunter-Lab	48.9003, 78.8152, -17.1103

Details

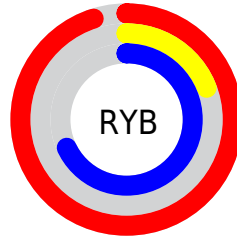
The CIELCh color **56, 82.403, 344.626** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **84, 86.007, 146.389**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 74.178, 333.424**, and **40, 69.894, 346.937** is the 20% darker color. If you saturate the color by 10%, you get **54, 85.256, 346.599**, and if you desaturate by 10%, it is **59, 76.813, 343.019**.

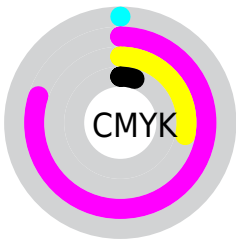
Distribution



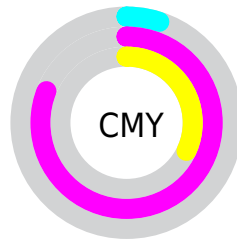
- Red (95%)
- Green (19%)
- Blue (68%)



- Red (95%)
- Yellow (19%)
- Blue (68%)



- Cyan (0%)
- Magenta (80%)
- Yellow (28%)
- Black (5%)




- Cyan (5%)
- Magenta (81%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 82.403, 344.626 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 56, 82.403, 344.626 by changing the saturation by 10% instead.


 56, 82.403,
344.626


 56, 82.403,
344.626

 100, 82.403,
344.626

 46, 82.403,
344.626


 76, 82.403,
344.626

 36, 82.403,
344.626

 86, 82.403,
344.626

 26, 82.403,
344.626

 96, 82.403,
344.626

 16, 82.403,
344.626

 6, 82.403, 344.626

 0, 82.403, 344.626

■ 56, 82.403,
344.626

■ 56, 82.403,
344.626

■ 54, 85.256,
346.599

■ 59, 76.813,
343.019

■ 53, 85.735,
348.990

■ 62, 68.819,
341.677

■ 67, 58.982,
340.525

■ 72, 47.907,
339.508

■ 77, 36.125,
338.590

■ 83, 24.045,
337.747

■ 89, 11.950,
336.955

■ 95, 0.026, 320.536

Harmonies

Complementary

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



56, 82.403, 344.626



84, 86.007, 146.389

Rectangle

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



56, 82.403, 344.626



56, 82.403, 34.626



56, 82.403, 164.626



56, 82.403, 214.626

Sweetspot

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



56, 82.399, 344.627



85, 30.215, 338.081



41, 109.191, 308.755



43, 20.768, 338.384



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 82.399, 344.627



56, 89.400, 348.068



53, 77.912, 22.830



47, 6.745, 336.913



40, 70.117, 348.510



9, 31.506, 344.809

Inverse Universe

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



56, 82.399, 344.627



56, 89.400, 348.068



86, 52.769, 177.265



47, 6.745, 336.913



40, 70.117, 348.510



9, 31.506, 344.809

Previews

White Background



This preview shows how the CIELCh color 56, 82.403, 344.626 looks on a white background.

Color Contrast Check

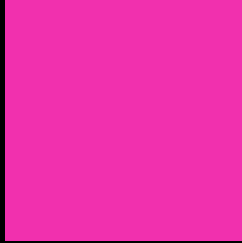
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 82.403, 344.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

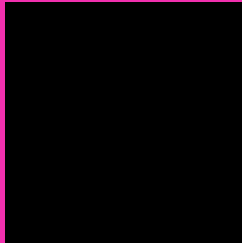
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 82.403, 344.626

Background



This preview shows how black text looks on a background with the CIELCh color 56, 82.403, 344.626.

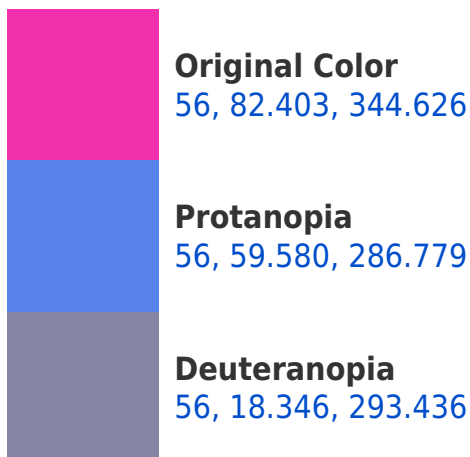


This preview shows how white text looks on a background with the CIELCh color 56, 82.403, 344.626.

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
56, 67.065, 27.530

Trichromacy



Original Color
56, 82.403, 344.626



Protanomaly
52, 65.788, 308.270



Deuteranomaly
53, 45.025, 328.252



Tritanomaly
56, 68.021, 9.367

Monochromacy



Original Color
56, 82.403, 344.626



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 37.397, 339.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 82.403, 344.626 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(241, 48, 174)` looks like.

```
.text, #text, p{  
    color:rgb(241, 48, 174)  
}
```

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(241, 48, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 48, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 82.403, 344.626 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(241, 48, 174) }
```

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

```
.border{ border-color:rgb(241, 48, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 48, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 48, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 48, 174);  
box-shadow:4px 4px 4px 4px rgb(241, 48,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 82.403, 344.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 48, 174) }
```

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

```
.background{ background-color: rgb(241, 48,  
174) }
```

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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