

Converting Colors

CIELCh(56, 79.259, 342.961)

Have a look what the booklet for
CIELCh(56, 79.259, 342.961)
contains.

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Color

CIELCh(56, 79.157, 342.975)

Conversions

Conversions Part 1

Format	Color
Hex	EB3AB0
RGB	235, 58, 176
RGB Percent	92%, 23%, 69%
CMY	0.0773, 0.7712, 0.3088
CMYK	0.00, 0.75, 0.25, 0.08
HSL	320°, 82%, 58%
HSV	320°, 75%, 92%
XYZ	43.7423, 23.9124, 43.5115
YIQ	124.3750, 67.6140, 74.2220

Conversions

Conversions Part 2

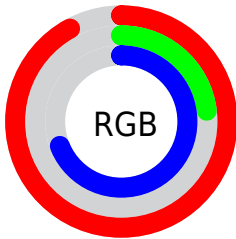
Format	Color
R _Y B	235, 58, 176
Decimal	15415984
CIE Lab	56.00, 75.69, -23.18
CIE LCh	56, 79.157, 342.975
Yxy	23.9124, 0.3935, 0.2151
Android (android.graphics.Color)	4293606064 (0xFFEB3AB0)
YUV	124.3750, 25.4511, 97.0181
Hunter-Lab	48.9003, 74.0961, -18.5260

Details

The CIELCh color **56, 79.157, 342.975** 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 **83, 81.503, 146.796**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 71.774, 332.989**, and **39, 69.782, 344.589** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.309, 344.659**, and if you desaturate by 10%, it is **59, 72.420, 341.580**.

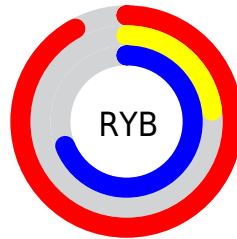
Distribution



Red (92%)

Green (23%)

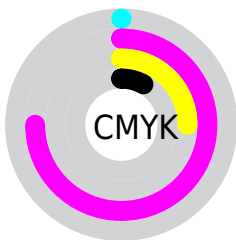
Blue (69%)



Red (92%)

Yellow (23%)

Blue (69%)

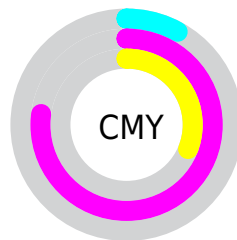


Cyan (0%)

Magenta (75%)

Yellow (25%)

Black (8%)



Cyan (8%)


Magenta (77%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 79.157, 342.975 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, 79.157, 342.975 by changing the saturation by 10% instead.


 56, 79.157,
342.975


 56, 79.157,
342.975


 100, 79.157,
342.975


 46, 79.157,
342.975


 76, 79.157,
342.975


 36, 79.157,
342.975

 86, 79.157,
342.975

 26, 79.157,
342.975

 96, 79.157,
342.975

 16, 79.157,
342.975

 6, 79.157, 342.975

 0, 79.157, 342.975

56, 79.157,
342.975

56, 79.157,
342.975

54, 83.309,
344.659

59, 72.420,
341.580

52, 84.773,
346.728

63, 63.567,
340.391

52, 84.839,
347.841

68, 53.186,
339.348

73, 41.847,
338.411

78, 30.015,
337.554

84, 18.030,
336.756

90, 6.124, 335.978

96, 5.560, 155.427

Harmonies

Complementary

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



56, 79.157, 342.975



83, 81.503, 146.796

Rectangle

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



56, 79.157, 342.975



56, 79.157, 32.975



56, 79.157, 162.975



56, 79.157, 212.975

Sweetspot

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



56, 79.153, 342.975



85, 29.223, 337.382



43, 101.611, 308.524



43, 20.239, 337.680



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, 79.153, 342.975



57, 89.692, 345.679



53, 72.444, 20.711



46, 6.692, 336.314



40, 69.950, 347.401



8, 30.875, 343.753

Inverse Universe

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



56, 79.153, 342.975



57, 89.692, 345.679



84, 50.154, 177.966



46, 6.692, 336.314



40, 69.950, 347.401



8, 30.875, 343.753

Previews

White Background



This preview shows how the CIELCh color 56, 79.157, 342.975 looks on a white background.

Color Contrast Check

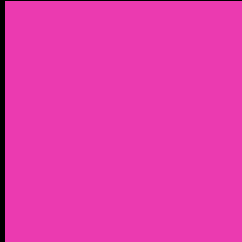
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.157, 342.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

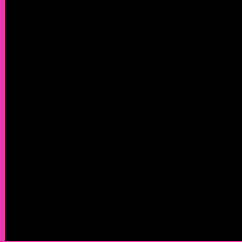
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 79.157, 342.975

Background



This preview shows how black text looks on a background with the CIELCh color 56, 79.157, 342.975.

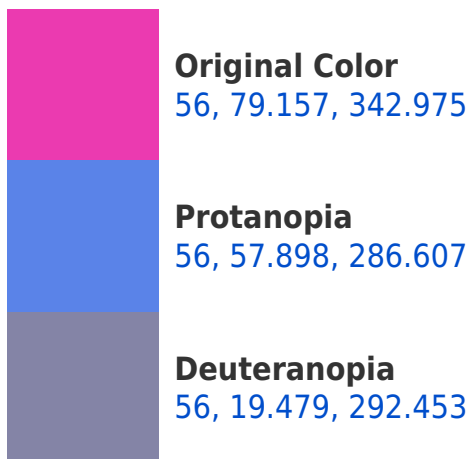


This preview shows how white text looks on a background with the CIELCh color 56, 79.157, 342.975.

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, 61.891, 25.438

Trichromacy



Original Color
56, 79.157, 342.975



Protanomaly
53, 62.722, 307.260



Deuteranomaly
54, 43.655, 326.457

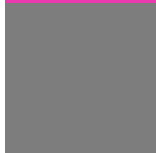


Tritanomaly
56, 63.766, 7.170

Monochromacy



Original Color
56, 79.157, 342.975



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 34.611, 338.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 79.157, 342.975 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(235, 58, 176)` looks like.

```
.text, #text, p{  
    color:rgb(235, 58, 176)  
}
```

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(235, 58, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 58, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 79.157, 342.975 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(235, 58, 176) }
```

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

```
.border{ border-color:rgb(235, 58, 176) }
```

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

Here you see how a box with a 4 pixel rgb(235, 58, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 58, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 58, 176);  
box-shadow:4px 4px 4px 4px rgb(235, 58,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 79.157, 342.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 58, 176) }
```

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

```
.background{ background-color: rgb(235, 58,  
176) }
```

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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