

Converting Colors

CIELCh(56, 110.347, 327.650)

Have a look what the booklet for
CIELCh(56, 110.347, 327.650)
contains.

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Color

CIELCh(56, 110.093, 327.729)

Conversions

Conversions Part 1

Format	Color
Hex	EC00EF
RGB	236, 0, 239
RGB Percent	93%, 0%, 94%
CMY	0.0763, 1.0000, 0.0645
CMYK	0.01, 1.00, 0.00, 0.06
HSL	299°, 100%, 47%
HSV	299°, 100%, 94%
XYZ	49.9275, 23.9124, 83.3007
YIQ	97.8100, 63.9370, 124.3610

Conversions

Conversions Part 2

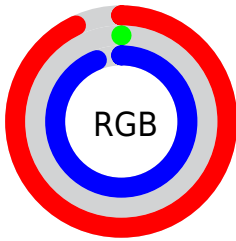
Format	Color
R _Y B	236, 0, 239
Decimal	15466735
CIE Lab	56.00, 93.09, -58.78
CIE LCh	56, 110.093, 327.729
Yxy	23.9124, 0.3177, 0.1522
Android (android.graphics.Color)	4293656815 (0xFFEC00EF)
YUV	97.8100, 69.6067, 121.1926
Hunter-Lab	48.9003, 96.6737, -66.7690

Details

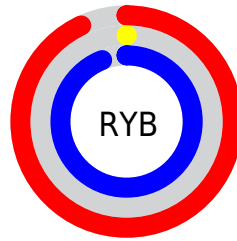
The CIELCh color **56, 110.093, 327.729** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **83, 113.824, 135.978**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.885, 327.481**, and **42, 89.881, 326.722** is the 20% darker color. If you saturate the color by 10%, you get **56, 109.939, 327.724**, and if you desaturate by 10%, it is **57, 107.777, 327.698**.

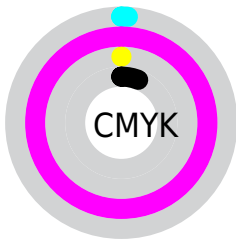
Distribution



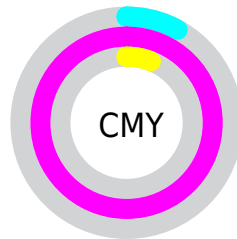
- Red (93%)
- Green (0%)
- Blue (94%)



- Red (93%)
- Yellow (0%)
- Blue (94%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)





- Cyan (8%)
- Magenta (100%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 110.093, 327.729 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, 110.093, 327.729 by changing the saturation by 10% instead.


 56, 110.093,
327.729


 56, 110.093,
327.729


 100, 110.093,
327.729


 46, 110.093,
327.729


 76, 110.093,
327.729


 36, 110.093,
327.729


 86, 110.093,
327.729

 26, 110.093,
327.729

 96, 110.093,
327.729

 16, 110.093,
327.729

 6, 110.093,
327.729

 0, 110.093,
327.729

■ 56, 110.093,
327.729

■ 56, 110.093,
327.729

■ 56, 109.939,
327.724

■ 57, 107.777,
327.698

■ 58, 103.145,
327.587

■ 61, 95.667,
327.374

■ 64, 85.597,
327.065

■ 68, 73.440,
326.673

■ 72, 59.795,
326.216

■ 77, 45.223,
325.713

■ 83, 30.188,

325.180

■ 88, 15.036,
324.628

Harmonies

Complementary

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



56, 110.093, 327.729



83, 113.824, 135.978

Rectangle

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



56, 110.093, 327.729



56, 110.093, 17.729



56, 110.093, 147.729



56, 110.093, 197.729

Sweetspot

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



56, 109.939, 327.724



82, 47.732, 325.718



30, 126.554, 306.141



41, 32.481, 325.936



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, 109.939, 327.724



60, 115.629, 327.722



52, 80.701, 1.161



47, 8.574, 324.599



43, 90.344, 327.732



10, 39.436, 327.801

Inverse Universe

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



50, 98.908, 39.619



53, 104.071, 39.650



83, 86.840, 147.922



47, 4.991, 18.913



38, 81.120, 39.474



8, 29.767, 23.300

Previews

White Background



This preview shows how the CIE LCh color 56, 110.093, 327.729 looks on a white background.

Color Contrast Check

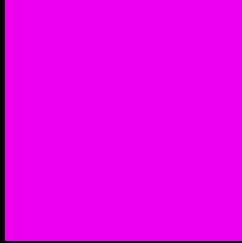
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 56, 110.093, 327.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

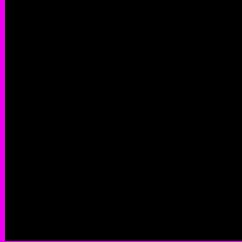
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 110.093, 327.729

Background



This preview shows how black text looks on a background with the CIELCh color 56, 110.093, 327.729.



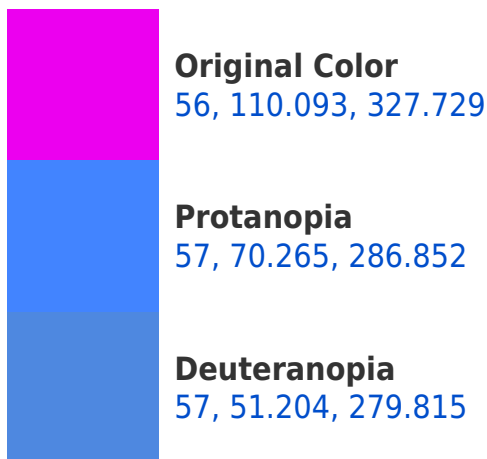
This preview shows how white text looks on a background with the CIELCh color 56, 110.093, 327.729.

327.729.

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, 54.316, 23.472

Trichromacy



Original Color
56, 110.093, 327.729



Protanomaly
49, 94.748, 306.357



Deuteranomaly
49, 82.603, 307.721



Tritanomaly
54, 70.841, 350.607

Monochromacy



Original Color
56, 110.093, 327.729



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 57.465, 326.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 110.093, 327.729 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(236, 0, 239)` looks like.

```
.text, #text, p{  
    color:rgb(236, 0, 239)  
}
```

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(236, 0, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 0, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 110.093, 327.729 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(236, 0, 239) }
```

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

```
.border{ border-color:rgb(236, 0, 239) }
```

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

Here you see how a box with a 4 pixel rgb(236, 0, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 0, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 0, 239);  
box-shadow:4px 4px 4px 4px rgb(236, 0,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 110.093, 327.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 0, 239) }
```

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

```
.background{ background-color: rgb(236, 0,  
239) }
```

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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