

Converting Colors

CIELCh(56, 109.456, 327.669)

Have a look what the booklet for
CIELCh(56, 109.456, 327.669)
contains.

CIELCh(56, 109.379, 327.713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(56, 109.379, 327.713)

Conversions

Conversions Part 1

Format	Color
Hex	EB05EE
RGB	235, 5, 238
RGB Percent	92%, 2%, 93%
CMY	0.0788, 0.9819, 0.0670
CMYK	0.01, 0.98, 0.00, 0.07
HSL	299°, 96%, 48%
HSV	299°, 98%, 93%
XYZ	49.6976, 23.9124, 82.8161
YIQ	100.3320, 62.2870, 121.2230

Conversions

Conversions Part 2

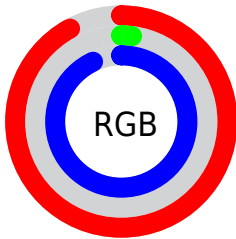
Format	Color
R_{YB}	235, 5, 238
Decimal	15402478
CIE _{Lab}	56.00, 92.47, -58.43
CIE _{LCh}	56, 109.379, 327.713
Yxy	23.9124, 0.3177, 0.1529
Android (android.graphics.Color)	4293592558 (0xFFEB05EE)
YUV	100.3320, 67.8703, 118.1038
Hunter-Lab	48.9003, 95.8348, -66.1815

Details

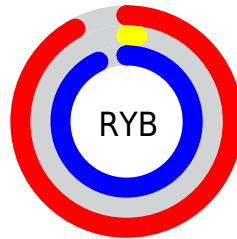
The CIELCh color **56, 109.379, 327.713** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **82, 113.183, 136.034**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **42, 89.515, 326.714** is the 20% darker color. If you saturate the color by 10%, you get **56, 109.716, 327.715**, and if you desaturate by 10%, it is **57, 106.879, 327.677**.

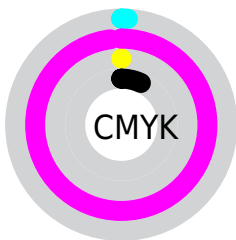
Distribution



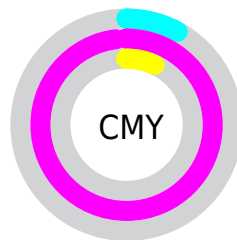
- Red (92%)
- Green (2%)
- Blue (93%)



- Red (92%)
- Yellow (2%)
- Blue (93%)



- Cyan (1%)
- Magenta (98%)
- Yellow (0%)
- Black (7%)





- Cyan (8%)
- Magenta (98%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 109.379, 327.713 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, 109.379, 327.713 by changing the saturation by 10% instead.


 56, 109.379,
327.713


 56, 109.379,
327.713


 100, 109.379,
327.713


 46, 109.379,
327.713


 76, 109.379,
327.713


 36, 109.379,
327.713


 86, 109.379,
327.713

 26, 109.379,
327.713

 96, 109.379,
327.713

 16, 109.379,
327.713

 6, 109.379,
327.713

 0, 109.379,
327.713

■ 56, 109.379,
327.713

■ 56, 109.379,
327.713

■ 56, 109.716,
327.715

■ 57, 106.879,
327.677

■ 58, 101.701,
327.546

■ 61, 93.705,
327.314

■ 64, 83.206,
326.988

■ 68, 70.740,
326.582

■ 73, 56.904,
326.115

■ 78, 42.242,
325.605

■ 84, 27.194,

325.068

■ 89, 12.085,
324.513

Harmonies

Complementary

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



56, 109.379, 327.713



82, 113.183, 136.034

Rectangle

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



56, 109.379, 327.713



56, 109.379, 17.713



56, 109.379, 147.713



56, 109.379, 197.713

Sweetspot

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



56, 109.376, 327.713



83, 46.158, 325.660



30, 125.448, 306.017



42, 31.599, 325.881



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, 109.376, 327.713



60, 115.630, 327.713



52, 80.360, 0.379



47, 8.574, 324.593



43, 90.345, 327.724



10, 39.436, 327.794

Inverse Universe

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



50, 97.715, 39.205



53, 104.062, 39.644



83, 85.676, 148.354



47, 4.991, 18.895



38, 81.110, 39.465



8, 29.766, 23.291

Previews

White Background



This preview shows how the CIELCh color 56, 109.379, 327.713 looks on a white background.

Color Contrast Check

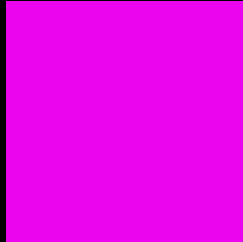
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109.379, 327.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

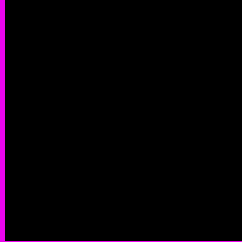
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 109.379, 327.713

Background



This preview shows how black text looks on a background with the CIELCh color 56, 109.379, 327.713.



This preview shows how white text looks on a background with the CIELCh color 56, 109.379, 327.713.

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



Original Color

56, 109.379, 327.713

Protanopia

57, 70.873, 287.124

Deuteranopia

57, 51.243, 279.619



Tritanopia
56, 54.650, 23.050

Trichromacy



Original Color
56, 109.379, 327.713



Protanomaly
49, 94.215, 306.073



Deuteranomaly
49, 82.029, 307.378



Tritanomaly
54, 70.289, 350.445

Monochromacy



Original Color
56, 109.379, 327.713



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 56.348, 326.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 109.379, 327.713 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, 5, 238)` looks like.

```
.text, #text, p{  
    color:rgb(235, 5, 238)  
}
```

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, 5, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 5, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 109.379, 327.713 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, 5, 238) }
```

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

```
.border{ border-color:rgb(235, 5, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 5, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 5, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 5, 238);  
box-shadow:4px 4px 4px 4px rgb(235, 5,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 109.379, 327.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 5, 238) }
```

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

```
.background{ background-color: rgb(235, 5,  
238) }
```

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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