

Converting Colors

CIELCh(56, 104.964, 330.445)

Have a look what the booklet for
CIELCh(56, 104.964, 330.445)
contains.

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Color

CIELCh(56, 104.928, 330.555)

Conversions

Conversions Part 1

Format	Color
Hex	EF05E2
RGB	239, 5, 226
RGB Percent	94%, 2%, 89%
CMY	0.0635, 0.9795, 0.1144
CMYK	0.00, 0.98, 0.05, 0.06
HSL	303°, 96%, 48%
HSV	303°, 98%, 94%
XYZ	49.2942, 23.9124, 73.8462
YIQ	100.1600, 68.5230, 118.3390

Conversions

Conversions Part 2

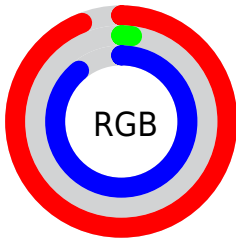
Format	Color
R_{YB}	239, 5, 226
Decimal	15664610
CIE _{Lab}	56.00, 91.37, -51.58
CIE _{LCh}	56, 104.928, 330.555
Yxy	23.9124, 0.3352, 0.1626
Android (android.graphics.Color)	4293854690 (0xFFEF05E2)
YUV	100.1600, 62.0391, 121.7627
Hunter-Lab	48.9003, 94.3621, -55.3058

Details

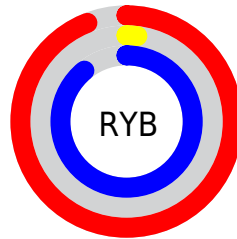
The CIELCh color **56, 104.928, 330.555** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **83, 112.508, 136.446**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **42, 85.198, 330.098** is the 20% darker color. If you saturate the color by 10%, you get **56, 105.206, 330.615**, and if you desaturate by 10%, it is **57, 102.838, 330.270**.

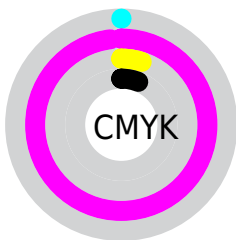
Distribution



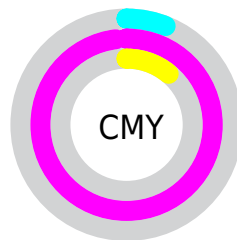
- Red (94%)
- Green (2%)
- Blue (89%)



- Red (94%)
- Yellow (2%)
- Blue (89%)



- Cyan (0%)
- Magenta (98%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (98%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 104.928, 330.555 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, 104.928, 330.555 by changing the saturation by 10% instead.


 56, 104.928,
330.555


 56, 104.928,
330.555


 100, 104.928,
330.555


 46, 104.928,
330.555


 76, 104.928,
330.555


 36, 104.928,
330.555


 86, 104.928,
330.555

 26, 104.928,
330.555

 96, 104.928,
330.555

 16, 104.928,
330.555

 6, 104.928,
330.555

 0, 104.928,
330.555

■ 56, 104.928,
330.555

■ 56, 104.928,
330.555

■ 56, 105.206,
330.615

■ 57, 102.838,
330.270

■ 59, 98.036,
329.941

■ 61, 90.411,
329.557

■ 64, 80.295,
329.116

■ 69, 68.230,
328.625

■ 73, 54.818,
328.095

■ 78, 40.598,
327.538

■ 84, 26.004,

326.966

■ 90, 11.354,
326.381

Harmonies

Complementary

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



56, 104.928, 330.555



83, 112.508, 136.446

Rectangle

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



56, 104.928, 330.555



56, 104.928, 20.555



56, 104.928, 150.555



56, 104.928, 200.555

Sweetspot

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



56, 104.925, 330.555



83, 44.618, 327.611



31, 126.120, 306.263



42, 30.543, 327.851



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, 104.925, 330.555



60, 110.542, 330.624



51, 79.979, 6.652



47, 8.289, 326.480



43, 86.447, 330.573



10, 37.967, 330.231

Inverse Universe

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



56, 104.925, 330.555



60, 110.542, 330.624



84, 79.981, 151.887



47, 8.289, 326.480



43, 86.447, 330.573



10, 37.967, 330.231

Previews

White Background



This preview shows how the CIELCh color 56, 104.928, 330.555 looks on a white background.

Color Contrast Check

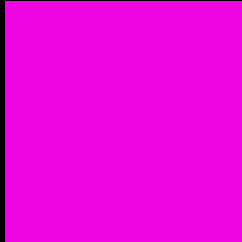
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104.928, 330.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

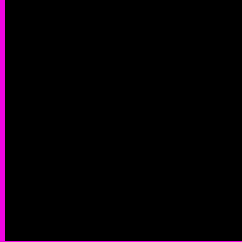
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 104.928, 330.555

Background



This preview shows how black text looks on a background with the CIELCh color 56, 104.928, 330.555.



This preview shows how white text looks on a background with the CIELCh color 56, 104.928, 330.555.

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, 105.001, 330.556

Protanopia

57, 70.853, 287.227

Deuteranopia

57, 44.697, 280.775



Tritanopia
56, 59.343, 25.204

Trichromacy



Original Color

56, 105.001, 330.556



Protanomaly

49, 91.603, 306.480



Deuteranomaly

50, 75.808, 310.831



Tritanomaly

54, 70.909, 355.165

Monochromacy



Original Color

56, 105.001, 330.556



Achromatopsia

42, 0.006, 296.813



Achromatomaly

42, 54.154, 328.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 104.928, 330.555 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(239, 5, 226)` looks like.

```
.text, #text, p{  
    color:rgb(239, 5, 226)  
}
```

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(239, 5, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 5, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 104.928, 330.555 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(239, 5, 226) }
```

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

```
.border{ border-color:rgb(239, 5, 226) }
```

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

Here you see how a box with a 4 pixel rgb(239, 5, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 5, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 5, 226);  
box-shadow:4px 4px 4px 4px rgb(239, 5,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 104.928, 330.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 5, 226) }
```

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

```
.background{ background-color: rgb(239, 5,  
226) }
```

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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