

Converting Colors

CIELCh(57, 104.399, 330.088)

Have a look what the booklet for
CIELCh(57, 104.399, 330.088)
contains.

CIELCh(57, 104.619, 329.956)	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(57, 104.619, 329.956)

Conversions

Conversions Part 1

Format	Color
Hex	F018E6
RGB	240, 24, 230
RGB Percent	94%, 9%, 90%
CMY	0.0585, 0.9049, 0.0977
CMYK	0.00, 0.90, 0.04, 0.06
HSL	303°, 88%, 52%
HSV	303°, 90%, 94%
XYZ	50.5934, 24.9227, 77.0715
YIQ	112.0680, 62.6100, 109.8580

Conversions

Conversions Part 2

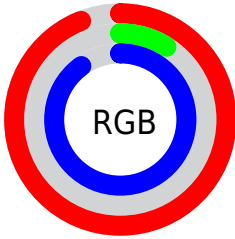
Format	Color
R_{YB}	240, 24, 230
Decimal	15735014
CIE _{Lab}	57.00, 90.56, -52.38
CIE _{LCh}	57, 104.619, 329.956
Yxy	24.9227, 0.3316, 0.1633
Android (android.graphics.Color)	4293925094 (0xFFFF018E6)
YUV	112.0680, 58.1405, 112.1964
Hunter-Lab	49.9226, 93.5337, -56.5872

Details

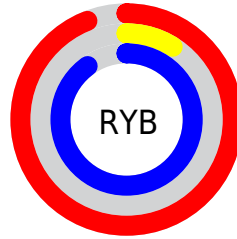
The CIELCh color **57, 104.619, 329.956** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **83, 110.362, 136.904**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **42, 86.699, 329.371** is the 20% darker color. If you saturate the color by 10%, you get **56, 106.397, 330.196**, and if you desaturate by 10%, it is **58, 100.333, 329.669**.

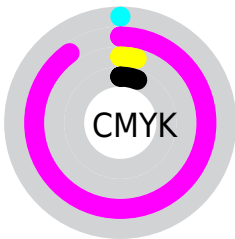
Distribution



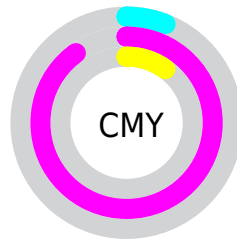
- Red (94%)
- Green (9%)
- Blue (90%)



- Red (94%)
- Yellow (9%)
- Blue (90%)



- Cyan (0%)
- Magenta (90%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (90%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 104.619, 329.956 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 57, 104.619, 329.956 by changing the saturation by 10% instead.


 57, 104.619,
329.956


 57, 104.619,
329.956


 100, 104.619,
329.956


 47, 104.619,
329.956


 77, 104.619,
329.956


 37, 104.619,
329.956


 87, 104.619,
329.956

 27, 104.619,
329.956

 97, 104.619,
329.956

 17, 104.619,
329.956

 7, 104.619,
329.956

 0, 104.619,
329.956

■ 57, 104.619,
329.956

■ 57, 104.619,
329.956

■ 56, 106.397,
330.196

■ 58, 100.333,
329.669

■ 56, 106.411,
330.199

■ 61, 93.190,
329.321

■ 64, 83.446,
328.909

■ 68, 71.616,
328.442

■ 73, 58.301,
327.928

■ 78, 44.063,
327.383

■ 83, 29.364,
326.818

■ 89, 14.549,

326.241

■ 95, 0.143, 147.861

Harmonies

Complementary

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



57, 104.619, 329.956



83, 110.362, 136.904

Rectangle

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



57, 104.619, 329.956



57, 104.619, 19.956



57, 104.619, 149.956



57, 104.619, 199.956

Sweetspot

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



57, 104.616, 329.956



84, 41.829, 327.226



32, 122.185, 305.645



42, 28.149, 327.417



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 104.616, 329.956



60, 111.363, 330.205



53, 79.017, 1.607



47, 8.341, 326.217



43, 87.076, 330.164



10, 38.205, 329.884

Inverse Universe

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



57, 104.616, 329.956



60, 111.363, 330.205



84, 77.888, 152.781



47, 8.341, 326.217



43, 87.076, 330.164



10, 38.205, 329.884

Previews

White Background



This preview shows how the CIELCh color 57, 104.619, 329.956 looks on a white background.

Color Contrast Check

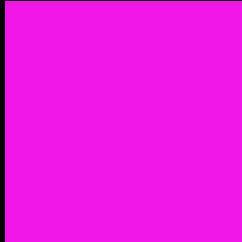
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 104.619, 329.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

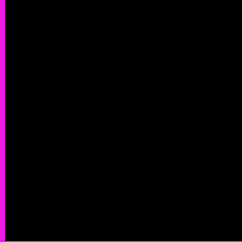
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 104.619, 329.956

Background



This preview shows how black text looks on a background with the CIELCh color 57, 104.619, 329.956.



This preview shows how white text looks on a background with the CIELCh color 57, 104.619, 329.956.

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

57, 104.619, 329.956

Protanopia

58, 68.970, 286.756

Deuteranopia

57, 45.757, 280.648



Tritanopia
57, 57.736, 24.244

Trichromacy



Original Color
57, 104.619, 329.956



Protanomaly
51, 87.382, 305.656



Deuteranomaly
52, 73.122, 309.250



Tritanomaly
55, 68.804, 354.341

Monochromacy



Original Color
57, 104.619, 329.956



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 51.036, 328.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 104.619, 329.956 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(240, 24, 230)` looks like.

```
.text, #text, p{  
    color:rgb(240, 24, 230)  
}
```

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(240, 24, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 24, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 104.619, 329.956 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(240, 24, 230) }
```

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

```
.border{ border-color:rgb(240, 24, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 24, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 24, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 24, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 24,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 104.619, 329.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 24, 230) }
```

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

```
.background{ background-color: rgb(240, 24,  
230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor