

Converting Colors

CIELCh(60, 94.064, 337.230)

Have a look what the booklet for
CIELCh(60, 94.064, 337.230)
contains.

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Color

CIELCh(60, 94.303, 337.068)

Conversions

Conversions Part 1

Format	Color
Hex	FF30D3
RGB	255, 48, 211
RGB Percent	100%, 19%, 83%
CMY	0.0000, 0.8110, 0.1721
CMYK	0.00, 0.81, 0.17, 0.00
HSL	313°, 100%, 59%
HSV	313°, 81%, 100%
XYZ	54.1255, 28.1233, 64.2805
YIQ	128.4750, 71.0490, 94.5770

Conversions

Conversions Part 2

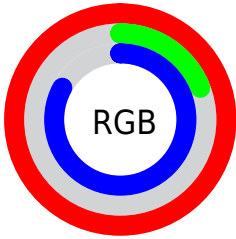
Format	Color
RYB	255, 48, 211
Decimal	16724179
CIELab	60.00, 86.85, -36.74
CIELCh	60, 94.303, 337.068
Yxy	28.1233, 0.3694, 0.1919
Android (android.graphics.Color)	4294914259 (0xFFFF30D3)
YUV	128.4750, 40.6848, 110.9624
Hunter-Lab	53.0314, 89.3774, -34.7447

Details

The CIELCh color **60, 94.303, 337.068** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **88, 100.453, 141.625**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 82.129, 327.205**, and **44, 80.769, 337.946** is the 20% darker color. If you saturate the color by 10%, you get **58, 97.284, 338.100**, and if you desaturate by 10%, it is **63, 88.289, 336.110**.

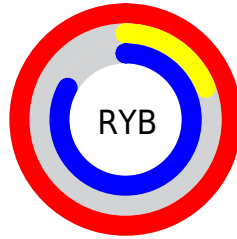
Distribution



Red (100%)

Green (19%)

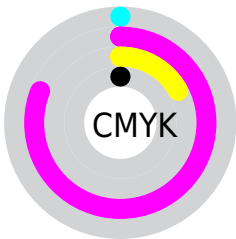
Blue (83%)



Red (100%)

Yellow (19%)

Blue (83%)

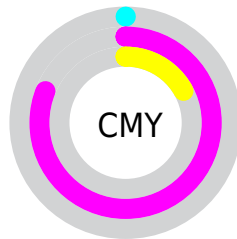


Cyan (0%)

Magenta (81%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 94.303, 337.068 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 60, 94.303, 337.068 by changing the saturation by 10% instead.

 60, 94.303,
337.068


 60, 94.303,
337.068


 100, 94.303,
337.068

 50, 94.303,
337.068


 80, 94.303,
337.068

 40, 94.303,
337.068

 90, 94.303,
337.068


 30, 94.303,
337.068

 20, 94.303,
337.068

 10, 94.303,
337.068

 0, 94.303, 337.068

 60, 94.303,

 60, 94.303,

337.068

337.068

■ 58, 97.284,
338.100

■ 63, 88.289,
336.110

■ 58, 97.773,
339.172

■ 66, 79.562,
335.266

■ 70, 68.673,
334.478

■ 75, 56.267,
333.729

■ 81, 42.937,
333.010

■ 87, 29.156,
332.315

■ 93, 15.267,
331.640

■ 99, 1.504, 330.779

100, 0.012,
296.813

Harmonies

Complementary

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



60, 94.303, 337.068



88, 100.453, 141.625

Rectangle

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



60, 94.303, 337.068



60, 94.303, 27.068



60, 94.303, 157.068



60, 94.303, 207.068

Sweetspot

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



60, 94.289, 337.041



85, 33.182, 332.515



40, 117.228, 306.491



43, 22.790, 332.762



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 94.289, 337.041



58, 97.713, 338.803



57, 79.000, 12.515



50, 7.815, 331.533



43, 78.964, 338.941



11, 37.023, 337.383

Inverse Universe

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



60, 94.289, 337.041



58, 97.713, 338.803



90, 64.078, 165.378



50, 7.815, 331.533



43, 78.964, 338.941



11, 37.023, 337.383

Previews

White Background



This preview shows how the CIELCh color 60, 94.303, 337.068 looks on a white background.

Color Contrast Check

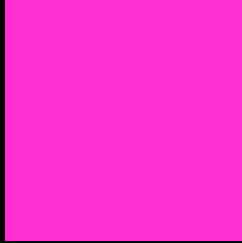
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 94.303, 337.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

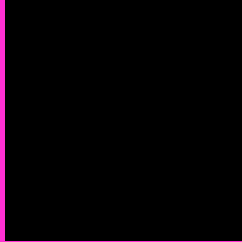
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 94.303, 337.068

Background



This preview shows how black text looks on a background with the CIELCh color 60, 94.303, 337.068.



This preview shows how white text looks on a background with the CIELCh color 60, 94.303, 337.068.

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

60, 94.303, 337.068

Protanopia

60, 64.460, 286.600

Deuteranopia

60, 31.793, 285.026



Tritanopia
60, 65.400, 25.626

Trichromacy



Original Color
60, 94.303, 337.068



Protanomaly
55, 75.929, 307.051



Deuteranomaly
56, 57.200, 317.413



Tritanomaly
59, 69.685, 2.907

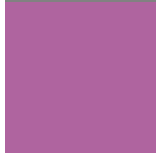
Monochromacy



Original Color
60, 94.303, 337.068



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 43.137, 333.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 94.303, 337.068 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(255, 48, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 211)  
}
```

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(255, 48, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 94.303, 337.068 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(255, 48, 211) }
```

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

```
.border{ border-color:rgb(255, 48, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 48, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 94.303, 337.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 211) }
```

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

```
.background{ background-color: rgb(255, 48,  
211) }
```

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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