

Converting Colors

CIELCh(60, 104.177, 331.768)

Have a look what the booklet for
CIELCh(60, 104.177, 331.768)
contains.

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Color

CIELCh(60, 104.001, 331.909)

Conversions

Conversions Part 1

Format	Color
Hex	FE24E9
RGB	254, 36, 233
RGB Percent	100%, 14%, 91%
CMY	0.0049, 0.8607, 0.0872
CMYK	0.00, 0.86, 0.08, 0.00
HSL	306°, 99%, 57%
HSV	306°, 86%, 100%
XYZ	56.0680, 28.1233, 79.3834
YIQ	123.6400, 66.6910, 107.4830

Conversions

Conversions Part 2

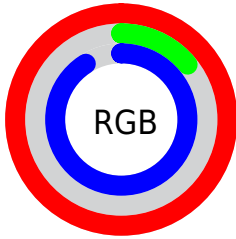
Format	Color
R_{YB}	254, 36, 233
Decimal	16655593
CIE _{Lab}	60.00, 91.75, -48.97
CIE _{LCh}	60, 104.001, 331.909
Yxy	28.1233, 0.3428, 0.1719
Android (android.graphics.Color)	4294845673 (0xFFFE24E9)
YUV	123.6400, 53.9145, 114.3257
Hunter-Lab	53.0314, 95.9157, -51.6299

Details

The CIELCh color **60, 104.001, 331.909** 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 **88, 110.764, 138.090**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 84.662, 327.285**, and **45, 87.798, 331.845** is the 20% darker color. If you saturate the color by 10%, you get **59, 106.254, 332.377**, and if you desaturate by 10%, it is **62, 98.775, 331.433**.

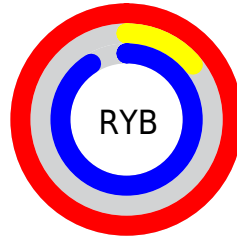
Distribution



Red (100%)

Green (14%)

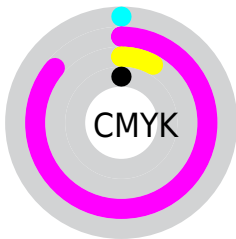
Blue (91%)



Red (100%)

Yellow (14%)

Blue (91%)

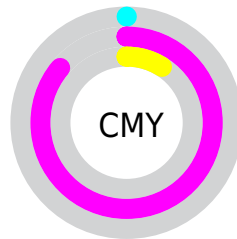


Cyan (0%)

Magenta (86%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (86%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 104.001, 331.909 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, 104.001, 331.909 by changing the saturation by 10% instead.


 60, 104.001,
331.909


 60, 104.001,
331.909


 100, 104.001,
331.909


 50, 104.001,
331.909


 80, 104.001,
331.909


 40, 104.001,
331.909

 90, 104.001,
331.909

 30, 104.001,
331.909

 20, 104.001,
331.909

 10, 104.001,
331.909

 0, 104.001,
331.909

60, 104.001,
331.909

60, 104.001,
331.909

59, 106.254,
332.377

62, 98.775,
331.433

59, 106.612,
332.564

65, 90.614,
330.933

69, 79.928,
330.404

73, 67.322,
329.846

78, 53.427,
329.267

84, 38.792,
328.674

90, 23.846,
328.076

96, 8.896, 327.466

100, 0.458,
182.716

Harmonies

Complementary

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



60, 104.001, 331.909



88, 110.764, 138.090

Rectangle

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



60, 104.001, 331.909



60, 104.001, 21.909



60, 104.001, 151.909



60, 104.001, 201.909

Sweetspot

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



60, 103.998, 331.909



84, 38.946, 328.675



36, 123.600, 305.601



43, 26.374, 328.881



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 103.998, 331.909



59, 107.011, 332.566



56, 80.756, 4.521



50, 8.480, 327.684



44, 86.304, 332.484



12, 40.066, 331.924

Inverse Universe

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



60, 103.998, 331.909



59, 107.011, 332.566



89, 75.109, 156.446



50, 8.480, 327.684



44, 86.304, 332.484



12, 40.066, 331.924

Previews

White Background



This preview shows how the CIE LCh color 60, 104.001, 331.909 looks on a white background.

Color Contrast Check

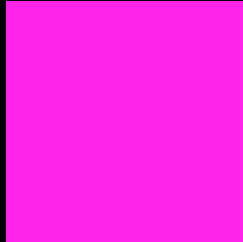
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 104.001, 331.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

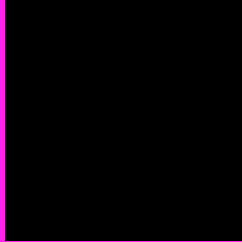
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 104.001, 331.909

Background



This preview shows how black text looks on a background with the CIELCh color 60, 104.001, 331.909.

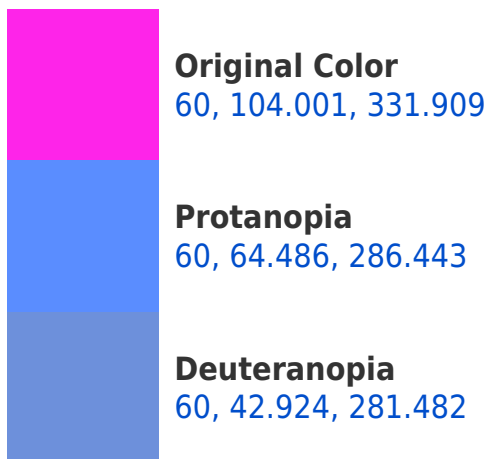


This preview shows how white text looks on a background with the CIELCh color 60, 104.001, 331.909.

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
60, 61.909, 24.792

Trichromacy



Original Color
60, 104.001, 331.909



Protanomaly
55, 82.482, 307.128



Deuteranomaly
55, 69.576, 311.141



Tritanomaly
59, 70.609, 357.061

Monochromacy



Original Color
60, 104.001, 331.909



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 49.588, 329.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 104.001, 331.909 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(254, 36, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 36, 233)  
}
```

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(254, 36, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 36, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 104.001, 331.909 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(254, 36, 233) }
```

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

```
.border{ border-color:rgb(254, 36, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 36, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 36, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 36, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 36,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 104.001, 331.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 36, 233) }
```

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

```
.background{ background-color: rgb(254, 36,  
233) }
```

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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