

Converting Colors

CIELCh(60, 113.554, 328.632)

Have a look what the booklet for
CIELCh(60, 113.554, 328.632)
contains.

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Color

CIELCh(60, 113.564, 328.538)

Conversions

Conversions Part 1

Format	Color
Hex	FD0AFB
RGB	253, 10, 251
RGB Percent	99%, 4%, 98%
CMY	0.0070, 0.9601, 0.0148
CMYK	0.00, 0.96, 0.01, 0.01
HSL	300°, 99%, 52%
HSV	300°, 96%, 99%
XYZ	58.1464, 28.1233, 93.8072
YIQ	110.1310, 67.4670, 126.4670

Conversions

Conversions Part 2

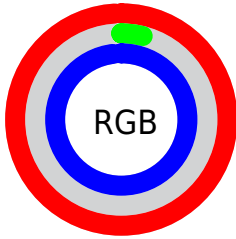
Format	Color
R _{YB}	253, 10, 251
Decimal	16583419
CIE _{Lab}	60.00, 96.87, -59.27
CIE _{LCh}	60, 113.564, 328.538
Yxy	28.1233, 0.3229, 0.1562
Android (android.graphics.Color)	4294773499 (0xFFFD0AFB)
YUV	110.1310, 69.4484, 125.2961
Hunter-Lab	53.0314, 102.9115, -67.7560

Details

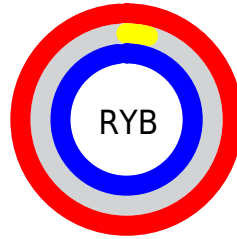
The CIELCh color **60, 113.564, 328.538** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **87, 118.194, 136.169**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **46, 94.141, 327.620** is the 20% darker color. If you saturate the color by 10%, you get **60, 114.201, 328.570**, and if you desaturate by 10%, it is **61, 110.626, 328.421**.

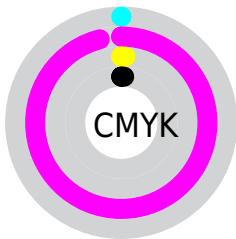
Distribution



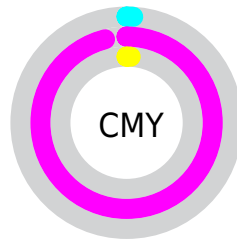
- Red (99%)
- Green (4%)
- Blue (98%)



- Red (99%)
- Yellow (4%)
- Blue (98%)



- Cyan (0%)
- Magenta (96%)
- Yellow (1%)
- Black (1%)





- Cyan (1%)
- Magenta (96%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 113.564, 328.538 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, 113.564, 328.538 by changing the saturation by 10% instead.


 60, 113.564,
328.538


 60, 113.564,
328.538


 100, 113.564,
328.538


 50, 113.564,
328.538


 80, 113.564,
328.538


 40, 113.564,
328.538

 90, 113.564,
328.538

 30, 113.564,
328.538

 20, 113.564,
328.538

 10, 113.564,
328.538

 0, 113.564,
328.538

■ 60, 113.564,
328.538

■ 60, 113.564,
328.538

■ 60, 114.201,
328.570

■ 61, 110.626,
328.421

■ 63, 104.761,
328.220

■ 65, 95.958,
327.931

■ 69, 84.594,
327.559

■ 73, 71.252,
327.118

■ 78, 56.560,
326.623

■ 84, 41.078,
326.091

■ 90, 25.251,

325.537

 96, 9.405, 324.960

Harmonies

Complementary

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



60, 113.564, 328.538



87, 118.194, 136.169

Rectangle

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



60, 113.564, 328.538



60, 113.564, 18.538



60, 113.564, 148.538



60, 113.564, 198.538

Sweetspot

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



60, 113.561, 328.538



83, 46.062, 326.255



33, 131.375, 306.044



42, 31.528, 326.482



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, 113.561, 328.538



60, 114.807, 328.570



55, 83.797, 1.217



50, 9.006, 325.168



45, 92.481, 328.564



12, 42.579, 328.524

Inverse Universe

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



60, 113.561, 328.538



60, 114.807, 328.570



88, 87.389, 149.577



50, 9.006, 325.168



45, 92.481, 328.564



12, 42.579, 328.524

Previews

White Background



This preview shows how the CIELCh color 60, 113.564, 328.538 looks on a white background.

Color Contrast Check

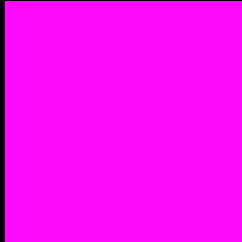
Large Text (above 18pt) WCAG AA ✓ Pass

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, 113.564, 328.538 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, 113.564, 328.538

Background



This preview shows how black text looks on a background with the CIELCh color 60, 113.564, 328.538.



This preview shows how white text looks on a background with the CIELCh color 60, 113.564,

328.538.

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, 113.498, 328.537

Protanopia

61, 63.912, 286.035

Deuteranopia

61, 51.713, 279.714



Tritanopia
60, 59.274, 24.164

Trichromacy



Original Color
60, 113.498, 328.537



Protanomaly
54, 91.271, 307.973



Deuteranomaly
53, 83.423, 308.124



Tritanomaly
58, 73.781, 352.439

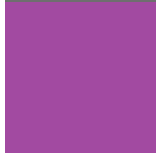
Monochromacy



Original Color
60, 113.498, 328.537



Achromatopsia
46, 0.006, 296.813



Achromatomaly
46, 57.508, 327.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 113.564, 328.538 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(253, 10, 251)` looks like.

```
.text, #text, p{  
    color:rgb(253, 10, 251)  
}
```

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(253, 10, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 10, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 113.564, 328.538 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(253, 10, 251) }
```

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

```
.border{ border-color:rgb(253, 10, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 10, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 10, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 10, 251);  
box-shadow:4px 4px 4px 4px rgb(253, 10,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 113.564, 328.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 10, 251) }
```

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

```
.background{ background-color: rgb(253, 10,  
251) }
```

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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