

Converting Colors

CIELCh(60, 111.438, 329.182)

Have a look what the booklet for
CIELCh(60, 111.438, 329.182)
contains.

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Color

CIELCh(60, 111.307, 329.185)

Conversions

Conversions Part 1

Format	Color
Hex	FD14F7
RGB	253, 20, 247
RGB Percent	99%, 8%, 97%
CMY	0.0072, 0.9233, 0.0308
CMYK	0.00, 0.92, 0.02, 0.01
HSL	302°, 98%, 53%
HSV	302°, 92%, 99%
XYZ	57.6239, 28.1233, 90.5137
YIQ	115.5450, 66.0010, 119.9930

Conversions

Conversions Part 2

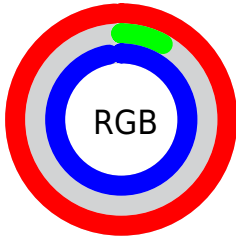
Format	Color
R _{YB}	253, 20, 247
Decimal	16585975
CIE _{Lab}	60.00, 95.59, -57.02
CIE _{LCh}	60, 111.307, 329.185
Y _{xy}	28.1233, 0.3269, 0.1596
Android (android.graphics.Color)	4294776055 (0xFFFD14F7)
YUV	115.5450, 64.8073, 120.5480
Hunter-Lab	53.0314, 101.1528, -64.0737

Details

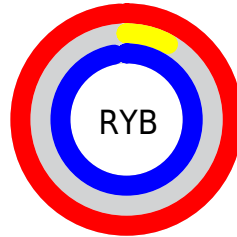
The CIELCh color **60, 111.307, 329.185** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **87, 116.686, 136.477**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 87.120, 327.363**, and **45, 92.611, 328.442** is the 20% darker color. If you saturate the color by 10%, you get **60, 112.601, 329.302**, and if you desaturate by 10%, it is **61, 107.451, 328.983**.

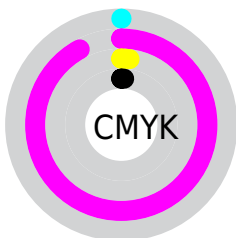
Distribution



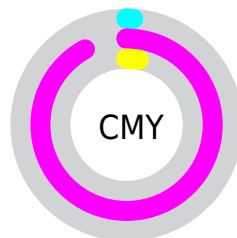
- Red (99%)
- Green (8%)
- Blue (97%)



- Red (99%)
- Yellow (8%)
- Blue (97%)



- Cyan (0%)
- Magenta (92%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (92%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 111.307, 329.185 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, 111.307, 329.185 by changing the saturation by 10% instead.


 60, 111.307,
329.185


 60, 111.307,
329.185


 100, 111.307,
329.185


 50, 111.307,
329.185


 80, 111.307,
329.185


 40, 111.307,
329.185

 90, 111.307,
329.185

 30, 111.307,
329.185

 20, 111.307,
329.185

 10, 111.307,
329.185

 0, 111.307,
329.185

■ 60, 111.307,
329.185

■ 60, 111.307,
329.185

■ 60, 112.601,
329.302

■ 61, 107.451,
328.983

■ 63, 100.605,
328.705

■ 67, 90.930,
328.351

■ 70, 78.906,
327.926

■ 75, 65.152,
327.445

■ 80, 50.279,
326.921

■ 86, 34.805,
326.370

■ 92, 19.127,

325.803

 98, 3.524, 325.171

Harmonies

Complementary

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



60, 111.307, 329.185



87, 116.686, 136.477

Rectangle

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



60, 111.307, 329.185



60, 111.307, 19.185



60, 111.307, 149.185



60, 111.307, 199.185

Sweetspot

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



60, 111.304, 329.185



83, 43.973, 326.689



34, 129.251, 305.819



42, 30.292, 326.924



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, 111.304, 329.185



60, 113.217, 329.303



55, 83.049, 1.191



50, 8.900, 325.644



45, 91.222, 329.284



12, 42.069, 329.154

Inverse Universe

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



60, 111.304, 329.185



60, 113.217, 329.303



88, 83.938, 151.294



50, 8.900, 325.644



45, 91.222, 329.284



12, 42.069, 329.154

Previews

White Background



This preview shows how the CIE LCh color 60, 111.307, 329.185 looks on a white background.

Color Contrast Check

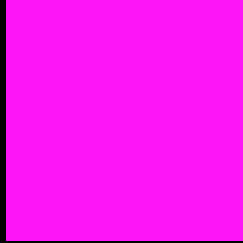
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111.307, 329.185 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, 111.307, 329.185

Background



This preview shows how black text looks on a background with the CIELCh color 60, 111.307, 329.185.



This preview shows how white text looks on a background with the CIELCh color 60, 111.307, 329.185.

329.185.

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, 111.203, 329.183

Protanopia

61, 63.912, 286.035

Deuteranopia

60, 49.942, 280.283



Tritanopia
60, 59.593, 23.789

Trichromacy



Original Color
60, 111.203, 329.183



Protanomaly
54, 88.550, 307.641



Deuteranomaly
54, 80.196, 308.634



Tritanomaly
58, 72.923, 353.048

Monochromacy



Original Color
60, 111.203, 329.183



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 55.290, 327.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 111.307, 329.185 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, 20, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 20, 247)  
}
```

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, 20, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 20, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 111.307, 329.185 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, 20, 247) }
```

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

```
.border{ border-color:rgb(253, 20, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 20, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 20, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 20, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 20,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 111.307, 329.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 20, 247) }
```

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

```
.background{ background-color: rgb(253, 20,  
247) }
```

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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