

Converting Colors

CIELCh(60, 105.375, 329.269)

Have a look what the booklet for
CIELCh(60, 105.375, 329.269)
contains.

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Color

CIELCh(60, 105.312, 329.300)

Conversions

Conversions Part 1

Format	Color
Hex	F82BF1
RGB	248, 43, 241
RGB Percent	97%, 17%, 95%
CMY	0.0265, 0.8297, 0.0540
CMYK	0.00, 0.83, 0.03, 0.03
HSL	302°, 94%, 57%
HSV	302°, 83%, 97%
XYZ	55.5892, 28.1233, 85.8977
YIQ	126.8670, 58.6220, 105.0380

Conversions

Conversions Part 2

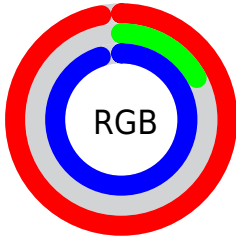
Format	Color
R _Y B	248, 43, 241
Decimal	16264177
CIE _{Lab}	60.00, 90.55, -53.77
CIE _{LCh}	60, 105.312, 329.300
Y _{xy}	28.1233, 0.3277, 0.1658
Android (android.graphics.Color)	4294454257 (0xFFFF82BF1)
YUV	126.8670, 56.2676, 106.2336
Hunter-Lab	53.0314, 94.3042, -58.9130

Details

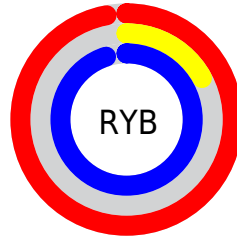
The CIELCh color **60, 105.312, 329.300** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **86, 109.496, 137.377**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 83.151, 327.238**, and **44, 90.395, 328.880** is the 20% darker color. If you saturate the color by 10%, you get **59, 108.993, 329.530**, and if you desaturate by 10%, it is **62, 98.681, 329.002**.

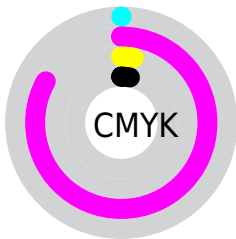
Distribution



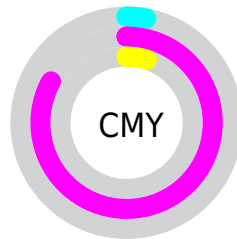
- Red (97%)
- Green (17%)
- Blue (95%)



- Red (97%)
- Yellow (17%)
- Blue (95%)



- Cyan (0%)
- Magenta (83%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (83%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 105.312, 329.300 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, 105.312, 329.300 by changing the saturation by 10% instead.


 60, 105.312,
329.300


 60, 105.312,
329.300


 100, 105.312,
329.300


 50, 105.312,
329.300


 80, 105.312,
329.300


 40, 105.312,
329.300

 90, 105.312,
329.300

 30, 105.312,
329.300

 20, 105.312,
329.300

 10, 105.312,
329.300

 0, 105.312,
329.300

60, 105.312,
329.300

60, 105.312,
329.300

59, 108.993,
329.530

62, 98.681,
329.002

58, 110.188,
329.669

65, 89.266,
328.632

69, 77.537,
328.196

74, 64.102,
327.707

79, 49.562,
327.178

84, 34.426,
326.623

90, 19.084,
326.054

96, 3.812, 325.427

Harmonies

Complementary

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



60, 105.312, 329.300



86, 109.496, 137.377

Rectangle

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



60, 105.312, 329.300



60, 105.312, 19.300



60, 105.312, 149.300



60, 105.312, 199.300

Sweetspot

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



60, 105.309, 329.300



85, 39.065, 326.765



36, 118.184, 304.719



43, 26.628, 326.961



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, 105.309, 329.300



60, 112.309, 329.653



56, 78.702, 358.930



49, 8.703, 325.879



44, 89.713, 329.644



11, 40.728, 329.460

Inverse Universe

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



60, 105.309, 329.300



60, 112.309, 329.653



87, 75.748, 154.356



49, 8.703, 325.879



44, 89.713, 329.644



11, 40.728, 329.460

Previews

White Background



This preview shows how the CIELCh color 60, 105.312, 329.300 looks on a white background.

Color Contrast Check

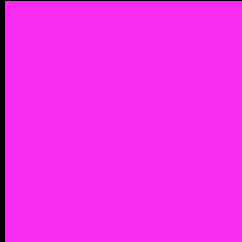
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.312, 329.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

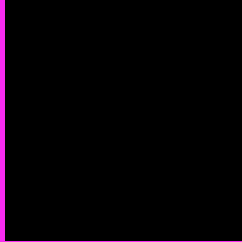
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 105.312, 329.300

Background



This preview shows how black text looks on a background with the CIELCh color 60, 105.312, 329.300.



This preview shows how white text looks on a background with the CIELCh color 60, 105.312, 329.300.

329.300.

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, 105.312, 329.300

Protanopia

60, 64.486, 286.443

Deuteranopia

60, 47.577, 280.670



Tritanopia
60, 56.553, 23.049

Trichromacy



Original Color
60, 105.312, 329.300



Protanomaly
56, 82.261, 306.137



Deuteranomaly
56, 72.222, 307.905



Tritanomaly
58, 67.462, 353.586

Monochromacy



Original Color
60, 105.312, 329.300



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 48.449, 327.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 105.312, 329.300 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(248, 43, 241)` looks like.

```
.text, #text, p{  
    color:rgb(248, 43, 241)  
}
```

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(248, 43, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 43, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 105.312, 329.300 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(248, 43, 241) }
```

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

```
.border{ border-color:rgb(248, 43, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 43, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 43, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 43, 241);  
box-shadow:4px 4px 4px 4px rgb(248, 43,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 105.312, 329.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 43, 241) }
```

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

```
.background{ background-color: rgb(248, 43,  
241) }
```

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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