

Converting Colors

CIELCh(67, 102.067, 320.142)

Have a look what the booklet for
CIELCh(67, 102.067, 320.142)
contains.

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Color

CIELCh(66, 90.289, 324.264)

Conversions

Conversions Part 1

Format	Color
Hex	F165FF
RGB	241, 101, 255
RGB Percent	95%, 40%, 100%
CMY	0.0569, 0.6021, 0.0000
CMYK	0.06, 0.60, 0.00, 0.00
HSL	294°, 100%, 70%
HSV	294°, 60%, 100%
XYZ	59.0895, 35.3238, 99.5479
YIQ	160.4160, 34.0060, 77.5740

Conversions

Conversions Part 2

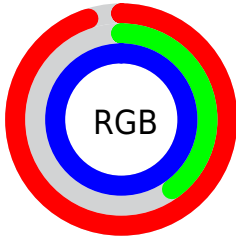
Format	Color
R _Y B	241, 101, 255
Decimal	15820287
CIE Lab	66.00, 73.29, -52.73
CIE LCh	66, 90.289, 324.264
Yxy	35.3238, 0.3046, 0.1821
Android (android.graphics.Color)	4294010367 (0xFFFF165FF)
YUV	160.4160, 46.6299, 70.6722
Hunter-Lab	59.4338, 73.4566, -57.7033

Details

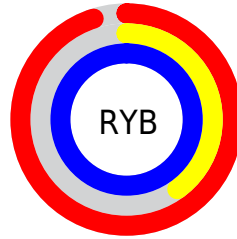
The CIELCh color $66, 90.289, 324.264$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $90, 89.608, 137.440$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 59.735, 326.477$, and $46, 90.148, 324.660$ is the 20% darker color. If you saturate the color by 10%, you get $62, 100.584, 324.735$, and if you desaturate by 10%, it is $70, 76.699, 324.204$.

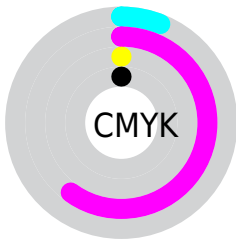
Distribution



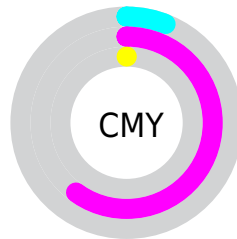
- Red (95%)
- Green (40%)
- Blue (100%)



- Red (95%)
- Yellow (40%)
- Blue (100%)



- Cyan (6%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (60%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 90.289, 324.264 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 66, 90.289, 324.264 by changing the saturation by 10% instead.


 66, 90.289,
324.264


 66, 90.289,
324.264


 100, 90.289,
324.264


 56, 90.289,
324.264


 86, 90.289,
324.264

 46, 90.289,
324.264

 96, 90.289,
324.264

 36, 90.289,
324.264

 26, 90.289,
324.264

 16, 90.289,
324.264

 6, 90.289, 324.264

 0, 90.289, 324.264

66, 90.289,
324.264

66, 90.289,
324.264

62, 100.584,
324.735

70, 76.699,
324.204

59, 108.792,
324.807

76, 62.299,
323.802

57, 113.935,
324.721

81, 47.067,
323.347

56, 116.304,
324.496

87, 31.461,
322.860

93, 15.810,
322.356

100, 0.333,
321.033

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.



66, 90.289, 324.264



90, 89.608, 137.440

Rectangle

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



66, 90.289, 324.264



66, 90.289, 14.264



66, 90.289, 144.264



66, 90.289, 194.264

Sweetspot

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



66, 89.681, 324.525



89, 27.996, 322.750



55, 78.792, 296.152



46, 19.475, 322.895



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 89.681, 324.525



62, 102.266, 324.759



65, 69.940, 344.656



50, 8.799, 322.320



42, 93.662, 324.558



11, 43.045, 324.991

Inverse Universe

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



63, 63.692, 21.006



59, 76.452, 24.986



90, 68.652, 152.026



50, 5.284, 12.327



40, 80.240, 36.232



10, 32.640, 23.347

Previews

White Background



This preview shows how the CIELCh color 66, 90.289, 324.264 looks on a white background.

Color Contrast Check

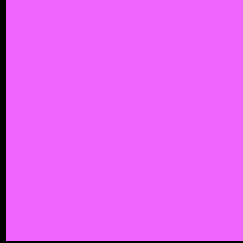
Large Text (above 18pt) WCAG AA × Fail

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 66, 90.289, 324.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

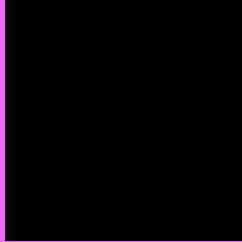
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 90.289, 324.264

Background



This preview shows how black text looks on a background with the CIELCh color 66, 90.289, 324.264.



This preview shows how white text looks on a background with the CIELCh color 66, 90.289, 324.264.

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

66, 89.933, 324.640

Protanopia

66, 54.557, 285.542

Deuteranopia

66, 47.736, 281.366



Tritanopia
66, 38.120, 15.475

Trichromacy



Original Color
66, 89.933, 324.640



Protanomaly
64, 66.173, 303.190



Deuteranomaly
64, 61.727, 302.631

Tritanomaly
65, 51.335, 344.627

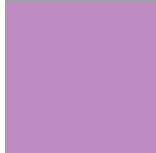
Monochromacy



Original Color
66, 89.933, 324.640



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 36.043, 323.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 90.289, 324.264 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(241, 101, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 101, 255)  
}
```

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(241, 101, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 101, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 90.289, 324.264 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(241, 101, 255) }
```

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

```
.border{ border-color:rgb(241, 101, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 101, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 101, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 101, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 101,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 90.289, 324.264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 101, 255) }
```

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

```
.background{ background-color: rgb(241,  
101, 255) }
```

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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