

Converting Colors

CIELCh(60, 103.719, 324.598)

Have a look what the booklet for
CIELCh(60, 103.719, 324.598)
contains.

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Color

CIELCh(60, 103.567, 324.567)

Conversions

Conversions Part 1

Format	Color
Hex	E940FC
RGB	233, 64, 252
RGB Percent	91%, 25%, 99%
CMY	0.0851, 0.7477, 0.0107
CMYK	0.08, 0.74, 0.00, 0.01
HSL	294°, 97%, 62%
HSV	294°, 74%, 99%
XYZ	53.1657, 28.1233, 94.9508
YIQ	135.9630, 40.3760, 94.2960

Conversions

Conversions Part 2

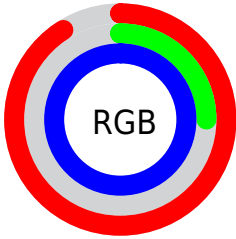
Format	Color
R _Y B	233, 64, 252
Decimal	15286524
CIE Lab	60.00, 84.39, -60.04
CIE LCh	60, 103.567, 324.567
Yxy	28.1233, 0.3017, 0.1596
Android (android.graphics.Color)	4293476604 (0xFFE940FC)
YUV	135.9630, 57.2062, 85.1014
Hunter-Lab	53.0314, 86.1469, -69.0346

Details

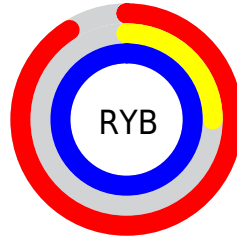
The CIELCh color **60, 103.567, 324.567** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 104.283, 136.213**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 77.396, 327.054**, and **42, 94.792, 324.031** is the 20% darker color. If you saturate the color by 10%, you get **58, 110.476, 324.563**, and if you desaturate by 10%, it is **63, 93.788, 324.420**.

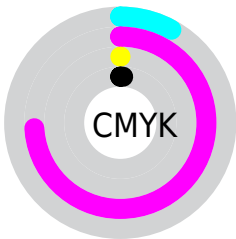
Distribution



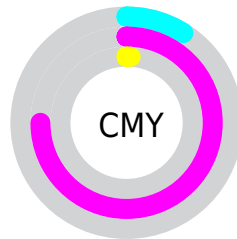
- Red (91%)
- Green (25%)
- Blue (99%)



- Red (91%)
- Yellow (25%)
- Blue (99%)



- Cyan (8%)
- Magenta (74%)
- Yellow (0%)
- Black (1%)





- Cyan (9%)
- Magenta (75%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 103.567, 324.567 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, 103.567, 324.567 by changing the saturation by 10% instead.


 60, 103.567,
324.567


 60, 103.567,
324.567


 100, 103.567,
324.567


 50, 103.567,
324.567


 80, 103.567,
324.567


 40, 103.567,
324.567

 90, 103.567,
324.567

 30, 103.567,
324.567

 20, 103.567,
324.567

 10, 103.567,
324.567

 0, 103.567,
324.567

60, 103.567,
324.567

60, 103.567,
324.567

58, 110.476,
324.563

63, 93.788,
324.420

56, 114.318,
324.393

68, 81.687,
324.148

55, 115.435,
324.244

73, 67.922,
323.781

78, 53.114,
323.349

84, 37.770,
322.877

90, 22.264,
322.383

96, 6.856, 321.864

100, 1.452,
128.580

100, 1.370,
110.019

Harmonies

Complementary

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



60, 103.567, 324.567



88, 104.283, 136.213

Rectangle

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



60, 103.567, 324.567



60, 103.567, 14.567



60, 103.567, 144.567



60, 103.567, 194.567

Sweetspot

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



60, 103.565, 324.567



86, 34.204, 322.756



45, 96.841, 299.222



44, 22.995, 322.888



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, 103.565, 324.567



57, 113.522, 324.506



60, 80.849, 345.958



49, 8.637, 322.130



41, 92.787, 324.311



10, 41.931, 324.795

Inverse Universe

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



57, 78.087, 25.467



54, 92.179, 31.905



88, 82.055, 148.842



49, 5.203, 11.798



39, 79.093, 35.860



9, 31.513, 22.042

Previews

White Background



This preview shows how the CIELCh color 60, 103.567, 324.567 looks on a white background.

Color Contrast Check

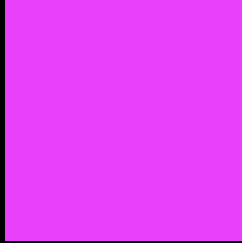
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 103.567, 324.567 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, 103.567, 324.567

Background



This preview shows how black text looks on a background with the CIELCh color 60, 103.567, 324.567.



This preview shows how white text looks on a background with the CIELCh color 60, 103.567, 324.567.

324.567.

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, 103.567, 324.567

Protanopia

60, 64.486, 286.443

Deuteranopia

60, 53.512, 279.368



Tritanopia
60, 43.778, 19.098

Trichromacy



Original Color
60, 103.567, 324.567



Protanomaly
57, 80.161, 303.655



Deuteranomaly
57, 73.005, 302.355



Tritanomaly
59, 59.684, 345.455

Monochromacy



Original Color
60, 103.567, 324.567



Achromatopsia
57, 0.007, 296.813



Achromatomaly
55, 44.219, 323.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 103.567, 324.567 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(233, 64, 252)` looks like.

```
.text, #text, p{  
    color:rgb(233, 64, 252)  
}
```

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(233, 64, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 64, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 103.567, 324.567 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(233, 64, 252) }
```

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

```
.border{ border-color:rgb(233, 64, 252) }
```

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

Here you see how a box with a 4 pixel rgb(233, 64, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 64, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 64, 252);  
box-shadow:4px 4px 4px 4px rgb(233, 64,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 103.567, 324.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 64, 252) }
```

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

```
.background{ background-color: rgb(233, 64,  
252) }
```

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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