

Converting Colors

CIELCh(59, 93.423, 323.977)

Have a look what the booklet for
CIELCh(59, 93.423, 323.977)
contains.

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Color

CIELCh(59, 93.557, 323.987)

Conversions

Conversions Part 1

Format	Color
Hex	DD4DF0
RGB	221, 77, 240
RGB Percent	87%, 30%, 94%
CMY	0.1327, 0.6974, 0.0582
CMYK	0.08, 0.68, 0.00, 0.06
HSL	293°, 85%, 62%
HSV	293°, 68%, 94%
XYZ	48.2828, 27.0277, 85.2275
YIQ	138.6380, 33.5010, 81.2210

Conversions

Conversions Part 2

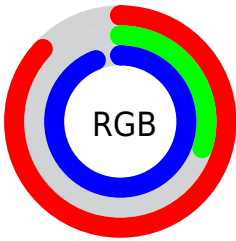
Format	Color
R _{YB}	221, 77, 240
Decimal	14503408
CIE Lab	59.00, 75.68, -55.01
CIE LCh	59, 93.557, 323.987
Yxy	27.0277, 0.3008, 0.1684
Android (android.graphics.Color)	4292693488 (0xFFDD4DF0)
YUV	138.6380, 49.9715, 72.2315
Hunter-Lab	51.9882, 74.7981, -60.8061

Details

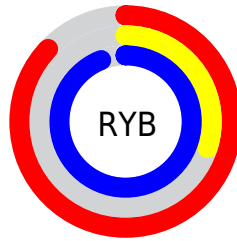
The CIELCh color **59, 93.557, 323.987** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **85, 93.506, 136.420**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 73.020, 326.912**, and **40, 90.817, 323.804** is the 20% darker color. If you saturate the color by 10%, you get **56, 102.208, 324.069**, and if you desaturate by 10%, it is **63, 82.508, 323.765**.

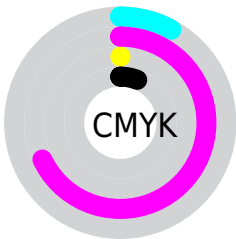
Distribution



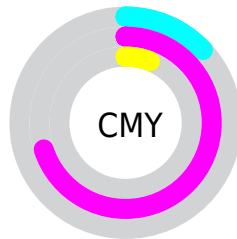
- Red (87%)
- Green (30%)
- Blue (94%)



- Red (87%)
- Yellow (30%)
- Blue (94%)



- Cyan (8%)
- Magenta (68%)
- Yellow (0%)
- Black (6%)





- Cyan (13%)
- Magenta (70%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 93.557, 323.987 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 59, 93.557, 323.987 by changing the saturation by 10% instead.


 59, 93.557,
323.987


 59, 93.557,
323.987


 100, 93.557,
323.987


 49, 93.557,
323.987


 79, 93.557,
323.987

 39, 93.557,
323.987

 89, 93.557,
323.987

 29, 93.557,
323.987

 99, 93.557,
323.987

 19, 93.557,
323.987

 9, 93.557, 323.987

 0, 93.557, 323.987

59, 93.557,
323.987

59, 93.557,
323.987

56, 102.208,
324.069

63, 82.508,
323.765

54, 108.007,
323.985

68, 69.693,
323.435

52, 110.940,
323.728

73, 55.729,
323.030

52, 111.385,
323.663

78, 41.135,
322.576

84, 26.303,
322.096

90, 11.507,
321.601

96, 3.077, 141.233

99, 8.596, 137.717

Harmonies

Complementary

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



59, 93.557, 323.987



85, 93.506, 136.420

Rectangle

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



59, 93.557, 323.987



59, 93.557, 13.987



59, 93.557, 143.987



59, 93.557, 193.987

Sweetspot

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



59, 93.555, 323.987



87, 30.942, 322.203



47, 83.987, 297.398



45, 21.130, 322.339



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 93.555, 323.987



58, 109.367, 324.060



59, 73.487, 344.805



47, 8.308, 321.682



40, 91.055, 323.737



9, 39.685, 324.345

Inverse Universe

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



57, 68.095, 21.763



56, 84.385, 27.136



85, 73.334, 150.075



47, 5.042, 10.561



38, 76.683, 34.939



8, 29.283, 19.073

Previews

White Background



This preview shows how the CIELCh color 59, 93.557, 323.987 looks on a white background.

Color Contrast Check

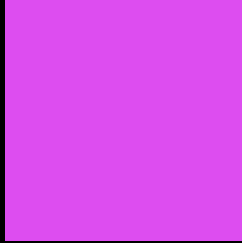
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 93.557, 323.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

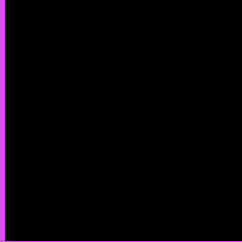
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 93.557, 323.987

Background



This preview shows how black text looks on a background with the CIELCh color 59, 93.557, 323.987.

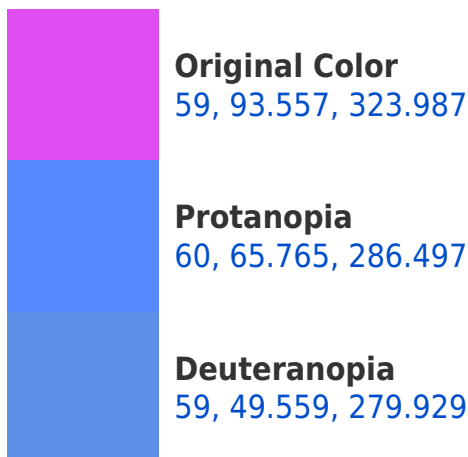


This preview shows how white text looks on a background with the CIELCh color 59, 93.557, 323.987.

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





Tritanopia
59, 38.275, 17.484

Trichromacy



Original Color
59, 93.557, 323.987



Protanomaly
57, 75.612, 301.523



Deuteranomaly
57, 65.201, 301.716



Tritanomaly
58, 53.171, 344.317

Monochromacy



Original Color
59, 93.557, 323.987



Achromatopsia
58, 0.007, 296.813



Achromatomaly
56, 38.393, 322.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 93.557, 323.987 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(221, 77, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 77, 240)  
}
```

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(221, 77, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 77, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 93.557, 323.987 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(221, 77, 240) }
```

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

```
.border{ border-color:rgb(221, 77, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 77, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 77, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 77, 240);  
box-shadow:4px 4px 4px 4px rgb(221, 77,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 93.557, 323.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 77, 240) }
```

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

```
.background{ background-color: rgb(221, 77,  
240) }
```

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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