

Converting Colors

CIELCh(49, 79.594, 350.787)

Have a look what the booklet for
CIELCh(49, 79.594, 350.787)
contains.

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Color

CIELCh(49, 79.588, 350.984)

Conversions

Conversions Part 1

Format	Color
Hex	DF028C
RGB	223, 2, 140
RGB Percent	87%, 1%, 55%
CMY	0.1263, 0.9909, 0.4516
CMYK	0.00, 0.99, 0.37, 0.13
HSL	323°, 98%, 44%
HSV	323°, 99%, 87%
XYZ	35.1158, 17.5941, 26.2911
YIQ	83.8110, 87.4180, 89.7700

Conversions

Conversions Part 2

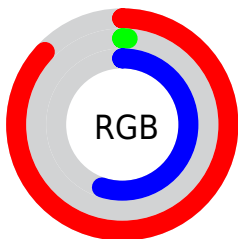
Format	Color
RYB	223, 2, 140
Decimal	14615180
CIELab	49.00, 78.60, -12.47
CIELCh	49, 79.588, 350.984
Yxy	17.5941, 0.4445, 0.2227
Android (android.graphics.Color)	4292805260 (0xFFDF028C)
YUV	83.8110, 27.7012, 122.0688
Hunter-Lab	41.9453, 76.0326, -7.8011

Details

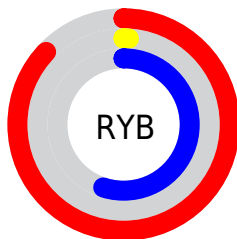
The CIELCh color **49, 79.588, 350.984** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **78, 90.320, 143.663**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 73.419, 343.863**, and **35, 61.274, 356.436** is the 20% darker color. If you saturate the color by 10%, you get **49, 79.623, 351.270**, and if you desaturate by 10%, it is **50, 78.826, 348.368**.

Distribution



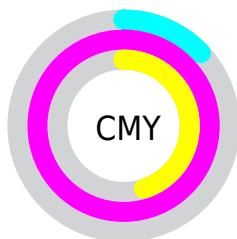
- Red (87%)
- Green (1%)
- Blue (55%)



- Red (87%)
- Yellow (1%)
- Blue (55%)



- Cyan (0%)
- Magenta (99%)
- Yellow (37%)
- Black (13%)



- Cyan (13%)
- Magenta (99%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 79.588, 350.984 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 49, 79.588, 350.984 by changing the saturation by 10% instead.


 49, 79.588,
350.984


 49, 79.588,
350.984

 100, 79.588,
350.984

 39, 79.588,
350.984

 69, 79.588,
350.984

 29, 79.588,
350.984

 79, 79.588,
350.984

 19, 79.588,
350.984

 89, 79.588,
350.984

 9, 79.588, 350.984

 99, 79.588,
350.984

 0, 79.588, 350.984

 49, 79.588,

 49, 79.588,

350.984

350.984

■ 49, 79.623,
351.270

■ 50, 78.826,
348.368

■ 52, 75.789,
346.236

■ 55, 70.266,
344.510

■ 58, 62.596,
343.082

■ 63, 53.316,
341.866

■ 67, 42.981,
340.801

■ 72, 32.066,
339.849

■ 78, 20.928,
338.980

Harmonies

Complementary

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



49, 79.588, 350.984



78, 90.320, 143.663

Rectangle

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



49, 79.588, 350.984



49, 79.588, 40.984



49, 79.588, 170.984



49, 79.588, 220.984

Sweetspot

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



49, 79.584, 350.985



81, 37.059, 339.964



32, 115.505, 309.208



41, 25.259, 340.362



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



49, 79.584, 350.985



56, 88.050, 351.512



47, 87.656, 34.173



44, 6.259, 338.205



38, 66.945, 350.776



7, 28.059, 346.038

Inverse Universe

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



49, 79.584, 350.985



56, 88.050, 351.512



80, 51.629, 178.121



44, 6.259, 338.205



38, 66.945, 350.776



7, 28.059, 346.038

Previews

White Background



This preview shows how the CIELCh color 49, 79.588, 350.984 looks on a white 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

Black Background



This preview shows how the CIELCh color 49, 79.588, 350.984 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 49, 79.588, 350.984

Background



This preview shows how black text looks on a background with the CIELCh color 49, 79.588, 350.984.



This preview shows how white text looks on a background with the CIELCh color 49, 79.588, 350.984.

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

49, 79.672, 350.964

Protanopia

50, 49.923, 286.391

Deuteranopia

50, 9.520, 312.939



Tritanopia
49, 72.946, 31.375

Trichromacy



Original Color
49, 79.672, 350.964



Protanomaly
43, 63.701, 313.995



Deuteranomaly
44, 46.485, 338.557



Tritanomaly
48, 72.023, 15.296

Monochromacy



Original Color
49, 79.672, 350.964



Achromatopsia
36, 0.005, 296.813



Achromatomaly
35, 42.111, 342.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 79.588, 350.984 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(223, 2, 140)` looks like.

```
.text, #text, p{  
    color:rgb(223, 2, 140)  
}
```

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(223, 2, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 2, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 79.588, 350.984 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(223, 2, 140) }
```

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

```
.border{ border-color:rgb(223, 2, 140) }
```

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

Here you see how a box with a 4 pixel rgb(223, 2, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 2, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 2, 140);  
box-shadow:4px 4px 4px 4px rgb(223, 2,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 79.588, 350.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 2, 140) }
```

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

```
.background{ background-color: rgb(223, 2,  
140) }
```

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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