

Converting Colors

CIELCh(47, 78.573, 348.697)

Have a look what the booklet for
CIELCh(47, 78.573, 348.697)
contains.

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Color

CIELCh(47, 78.192, 348.791)

Conversions

Conversions Part 1

Format	Color
Hex	D5008B
RGB	213, 0, 139
RGB Percent	84%, 0%, 55%
CMY	0.1646, 0.9993, 0.4548
CMYK	0.00, 1.00, 0.35, 0.16
HSL	321°, 100%, 42%
HSV	321°, 100%, 84%
XYZ	32.1151, 16.0195, 25.8372
YIQ	79.5330, 82.3290, 88.3850

Conversions

Conversions Part 2

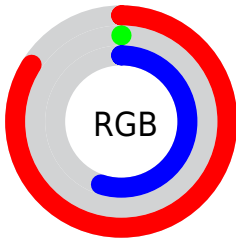
Format	Color
R_{YB}	213, 0, 139
Decimal	13959307
CIE _{Lab}	47.00, 76.70, -15.20
CIE _{LCh}	47, 78.192, 348.791
Yxy	16.0195, 0.4342, 0.2166
Android (android.graphics.Color)	4292149387 (0xFFD5008B)
YUV	79.5330, 29.3172, 117.0506
Hunter-Lab	40.0243, 73.1843, -10.2569

Details

The CIELCh color **47, 78.192, 348.791** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **75, 89.754, 142.503**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 74.458, 343.986**, and **33, 59.372, 353.961** is the 20% darker color. If you saturate the color by 10%, you get **47, 78.192, 348.811**, and if you desaturate by 10%, it is **48, 77.539, 346.460**.

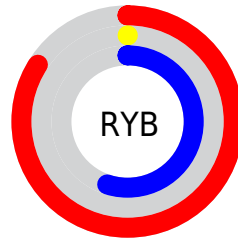
Distribution



Red (84%)

Green (0%)

Blue (55%)



Red (84%)

Yellow (0%)

Blue (55%)

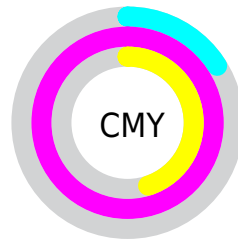


Cyan (0%)

Magenta (100%)

Yellow (35%)

Black (16%)



Cyan (16%)


Magenta (100%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 78.192, 348.791 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 47, 78.192, 348.791 by changing the saturation by 10% instead.


 47, 78.192,
348.791


 47, 78.192,
348.791


 100, 78.192,
348.791


 37, 78.192,
348.791

 67, 78.192,
348.791


 27, 78.192,
348.791

 77, 78.192,
348.791

 17, 78.192,
348.791

 87, 78.192,
348.791

 7, 78.192, 348.791

 97, 78.192,
348.791

 0, 78.192, 348.791

 47, 78.192,

 47, 78.192,

348.791

348.791

■ 47, 78.192,
348.811

■ 48, 77.539,
346.460

■ 50, 74.780,
344.529

■ 52, 69.579,
342.950

■ 56, 62.242,
341.629

■ 60, 53.279,
340.492

■ 64, 43.230,
339.486

■ 69, 32.562,
338.577

■ 74, 21.636,
337.741

■ 80, 10.702,
336.956

Harmonies

Complementary

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



47, 78.192, 348.791



75, 89.754, 142.503

Rectangle

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



47, 78.192, 348.791



47, 78.192, 38.791



47, 78.192, 168.791



47, 78.192, 218.791

Sweetspot

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



47, 78.188, 348.792



81, 37.775, 338.611



30, 112.804, 308.696



41, 25.740, 338.989



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 78.188, 348.792



56, 89.377, 349.101



45, 83.341, 32.337



42, 6.147, 336.917



37, 66.530, 348.389



5, 25.621, 343.940

Inverse Universe

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



47, 78.188, 348.792



56, 89.377, 349.101



77, 52.136, 174.200



42, 6.147, 336.917



37, 66.530, 348.389



5, 25.621, 343.940

Previews

White Background



This preview shows how the CIELCh color 47, 78.192, 348.791 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 47, 78.192, 348.791 looks on a black 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

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

CIELCh 47, 78.192, 348.791

Background



This preview shows how black text looks on a background with the CIELCh color 47, 78.192, 348.791.



This preview shows how white text looks on a background with the CIELCh color 47, 78.192, 348.791.

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

47, 78.192, 348.791

Protanopia

48, 52.011, 286.224

Deuteranopia

48, 10.922, 303.817



Tritanopia
48, 69.004, 30.817

Trichromacy



Original Color
47, 78.192, 348.791



Protanomaly
41, 64.775, 312.050



Deuteranomaly
43, 46.280, 335.443



Tritanomaly
46, 68.968, 13.347

Monochromacy



Original Color
47, 78.192, 348.791



Achromatopsia
34, 0.005, 296.813



Achromatomaly
34, 41.452, 341.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 78.192, 348.791 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(213, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(213, 0, 139)  
}
```

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(213, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 0, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 78.192, 348.791 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(213, 0, 139) }
```

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

```
.border{ border-color:rgb(213, 0, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 0, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(213, 0,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 78.192, 348.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 0, 139) }
```

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

```
.background{ background-color: rgb(213, 0,  
139) }
```

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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