

Converting Colors

CIELCh(51, 97.641, 327.693)

Have a look what the booklet for
CIELCh(51, 97.641, 327.693)
contains.

CIELCh(51, 97.485, 327.739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(51, 97.485, 327.739)

Conversions

Conversions Part 1

Format	Color
Hex	D21BD4
RGB	210, 27, 212
RGB Percent	82%, 11%, 83%
CMY	0.1761, 0.8932, 0.1682
CMYK	0.01, 0.87, 0.00, 0.17
HSL	299°, 77%, 47%
HSV	299°, 87%, 83%
XYZ	38.9004, 19.2686, 64.0210
YIQ	102.8070, 49.6830, 96.3310

Conversions

Conversions Part 2

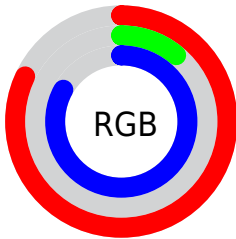
Format	Color
RYB	210, 27, 212
Decimal	13769684
CIELab	51.00, 82.44, -52.04
CIElCh	51, 97.485, 327.739
Yxy	19.2686, 0.3184, 0.1577
Android (android.graphics.Color)	4291959764 (0xFFD21BD4)
YUV	102.8070, 53.8321, 94.0083
Hunter-Lab	43.8960, 81.3675, -55.7455

Details

The CIELCh color **51, 97.485, 327.739** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **74, 100.391, 136.491**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **36, 80.178, 326.987** is the 20% darker color. If you saturate the color by 10%, you get **50, 100.093, 327.795**, and if you desaturate by 10%, it is **53, 92.396, 327.590**.

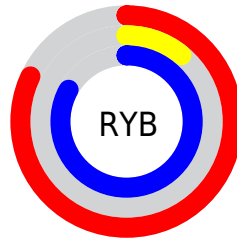
Distribution



Red (82%)

Green (11%)

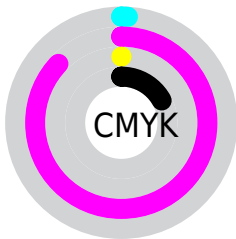
Blue (83%)



Red (82%)

Yellow (11%)

Blue (83%)

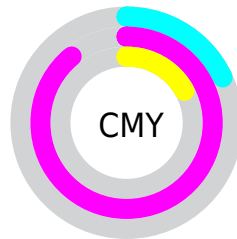


Cyan (1%)

Magenta (87%)

Yellow (0%)

Black (17%)



Cyan (18%)


Magenta (89%)


Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 97.485, 327.739 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 51, 97.485, 327.739 by changing the saturation by 10% instead.


 51, 97.485,
327.739


 51, 97.485,
327.739


 100, 97.485,
327.739


 41, 97.485,
327.739


 71, 97.485,
327.739

 31, 97.485,
327.739

 81, 97.485,
327.739

 21, 97.485,
327.739

 91, 97.485,
327.739

 11, 97.485,
327.739

 1, 97.485, 327.739

 0, 97.485, 327.739

■ 51, 97.485,
327.739

■ 51, 97.485,
327.739

■ 50, 100.093,
327.795

■ 53, 92.396,
327.590

■ 50, 100.617,
327.802

■ 55, 84.781,
327.342

■ 58, 74.957,
327.005

■ 62, 63.418,
326.591

■ 66, 50.699,
326.119

■ 71, 37.281,
325.608

■ 76, 23.548,
325.071

■ 81, 9.782, 324.515

Harmonies

Complementary

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



51, 97.485, 327.739



74, 100.391, 136.491

Rectangle

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



51, 97.485, 327.739



51, 97.485, 17.739



51, 97.485, 147.739



51, 97.485, 197.739

Sweetspot

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



51, 97.483, 327.739



84, 41.443, 325.561



29, 107.683, 304.756



43, 28.063, 325.744



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 97.483, 327.739



60, 115.619, 327.798



47, 72.107, 356.126



42, 7.821, 324.644



40, 85.643, 327.809



6, 32.890, 327.666

Inverse Universe

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



45, 82.612, 35.973



53, 104.145, 39.701



75, 72.866, 150.942



42, 4.549, 19.056



35, 76.889, 39.461



5, 21.991, 19.286

Previews

White Background



This preview shows how the CIELCh color 51, 97.485, 327.739 looks on a white background.

Color Contrast Check

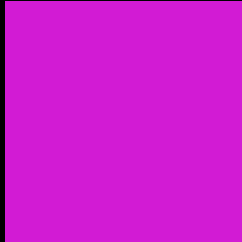
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 97.485, 327.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

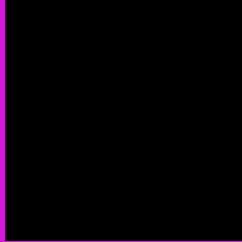
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 97.485, 327.739

Background



This preview shows how black text looks on a background with the CIELCh color 51, 97.485, 327.739.

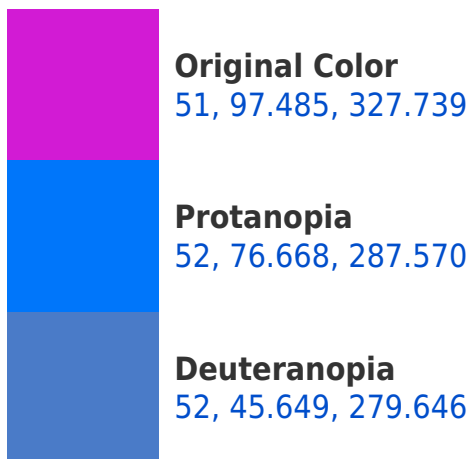


This preview shows how white text looks on a background with the CIELCh color 51, 97.485, 327.739.

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
51, 48.632, 22.665

Trichromacy



Original Color
51, 97.485, 327.739



Protanomaly
44, 88.710, 299.628



Deuteranomaly
46, 68.777, 306.275



Tritanomaly
50, 60.878, 350.942

Monochromacy



Original Color
51, 97.485, 327.739



Achromatopsia
44, 0.006, 296.813



Achromatomaly
42, 46.421, 326.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 97.485, 327.739 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(210, 27, 212)` looks like.

```
.text, #text, p{  
    color:rgb(210, 27, 212)  
}
```

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(210, 27, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 27, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 97.485, 327.739 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(210, 27, 212) }
```

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

```
.border{ border-color:rgb(210, 27, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 27, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 27, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 27, 212);  
box-shadow:4px 4px 4px 4px rgb(210, 27,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 97.485, 327.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 27, 212) }
```

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

```
.background{ background-color: rgb(210, 27,  
212) }
```

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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