

Converting Colors

CIELCh(51, 99.848, 325.474)

Have a look what the booklet for
CIELCh(51, 99.848, 325.474)
contains.

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Color

CIELCh(51, 99.885, 325.493)

Conversions

Conversions Part 1

Format	Color
Hex	CE1FDC
RGB	206, 31, 220
RGB Percent	81%, 12%, 86%
CMY	0.1922, 0.8784, 0.1373
CMYK	0.06, 0.86, 0.00, 0.14
HSL	296°, 75%, 49%
HSV	296°, 86%, 86%
XYZ	38.8611, 19.2686, 69.3799
YIQ	104.8710, 43.6310, 95.8790

Conversions

Conversions Part 2

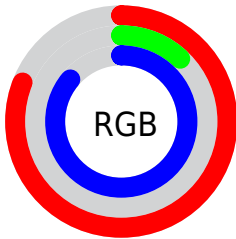
Format	Color
R_{YB}	206, 31, 220
Decimal	13508572
CIE _{Lab}	51.00, 82.31, -56.59
CIE _{LCh}	51, 99.885, 325.493
Yxy	19.2686, 0.3048, 0.1511
Android (android.graphics.Color)	4291698652 (0xFFCE1FDC)
YUV	104.8710, 56.7586, 88.6901
Hunter-Lab	43.8960, 81.2079, -62.9837

Details

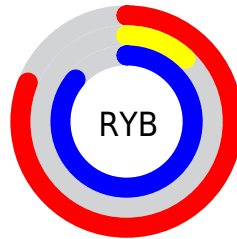
The CIELCh color **51, 99.885, 325.493** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **77, 101.893, 136.001**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **36, 83.640, 324.252** is the 20% darker color. If you saturate the color by 10%, you get **50, 103.020, 325.381**, and if you desaturate by 10%, it is **53, 94.056, 325.462**.

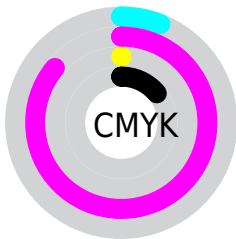
Distribution



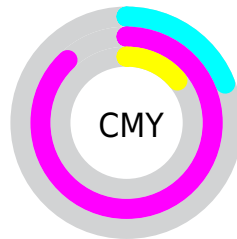
- Red (81%)
- Green (12%)
- Blue (86%)



- Red (81%)
- Yellow (12%)
- Blue (86%)



- Cyan (6%)
- Magenta (86%)
- Yellow (0%)
- Black (14%)





- Cyan (19%)
- Magenta (88%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 99.885, 325.493 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, 99.885, 325.493 by changing the saturation by 10% instead.


 51, 99.885,
325.493


 51, 99.885,
325.493


 100, 99.885,
325.493


 41, 99.885,
325.493


 71, 99.885,
325.493

 31, 99.885,
325.493

 81, 99.885,
325.493

 21, 99.885,
325.493

 91, 99.885,
325.493

 11, 99.885,
325.493

 1, 99.885, 325.493

 0, 99.885, 325.493

■ 51, 99.885,
325.493

■ 51, 99.885,
325.493

■ 50, 103.020,
325.381

■ 53, 94.056,
325.462

■ 49, 103.838,
325.311

■ 56, 85.647,
325.295

■ 59, 75.087,
325.013

■ 64, 62.939,
324.641

■ 68, 49.756,
324.204

■ 73, 36.009,
323.726

■ 79, 22.052,
323.224

■ 84, 8.137, 322.701

Harmonies

Complementary

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



51, 99.885, 325.493



77, 101.893, 136.001

Rectangle

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



51, 99.885, 325.493



51, 99.885, 15.493



51, 99.885, 145.493



51, 99.885, 195.493

Sweetspot

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



51, 99.883, 325.493



84, 40.739, 323.741



33, 103.773, 302.992



43, 27.605, 323.911



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, 99.883, 325.493



57, 116.092, 325.287



50, 75.857, 350.591



43, 7.821, 322.890



39, 86.930, 325.356



6, 34.271, 325.622

Inverse Universe

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



47, 80.849, 31.911



53, 101.579, 37.814



78, 79.105, 148.100



43, 4.653, 13.945



36, 75.196, 36.884



5, 23.747, 17.073

Previews

White Background



This preview shows how the CIELCh color 51, 99.885, 325.493 looks on a white background.

Color Contrast Check

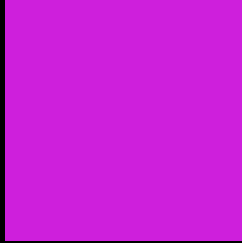
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.885, 325.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

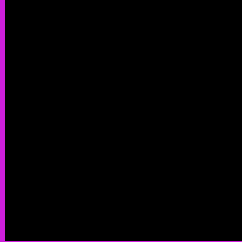
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 99.885, 325.493

Background



This preview shows how black text looks on a background with the CIELCh color 51, 99.885, 325.493.

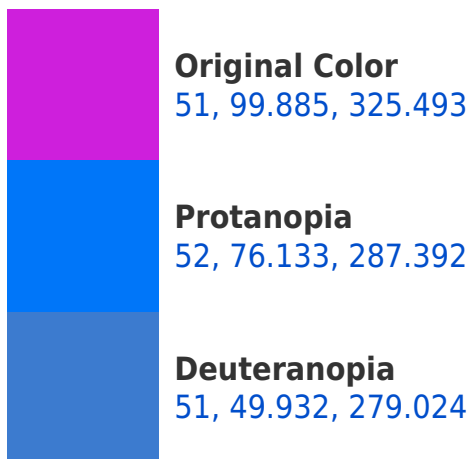


This preview shows how white text looks on a background with the CIELCh color 51, 99.885, 325.493.

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, 44.137, 21.404

Trichromacy



Original Color
51, 99.885, 325.493



Protanomaly
45, 89.190, 299.412



Deuteranomaly
46, 71.905, 303.406



Tritanomaly
49, 58.894, 347.201

Monochromacy



Original Color
51, 99.885, 325.493



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 46.377, 324.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 99.885, 325.493 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(206, 31, 220)` looks like.

```
.text, #text, p{  
    color:rgb(206, 31, 220)  
}
```

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(206, 31, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 31, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 99.885, 325.493 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(206, 31, 220) }
```

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

```
.border{ border-color:rgb(206, 31, 220) }
```

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

Here you see how a box with a 4 pixel rgb(206, 31, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 31, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 31, 220);  
box-shadow:4px 4px 4px 4px rgb(206, 31,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 99.885, 325.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 31, 220) }
```

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

```
.background{ background-color: rgb(206, 31,  
220) }
```

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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