

Converting Colors

CIELCh(51, 88.254, 332.752)

Have a look what the booklet for
CIELCh(51, 88.254, 332.752)
contains.

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Color

CIELCh(51, 88.323, 332.694)

Conversions

Conversions Part 1

Format	Color
Hex	D524C0
RGB	213, 36, 192
RGB Percent	84%, 14%, 75%
CMY	0.1639, 0.8576, 0.2464
CMYK	0.00, 0.83, 0.10, 0.16
HSL	307°, 71%, 49%
HSV	307°, 83%, 84%
XYZ	37.6704, 19.2686, 51.7052
YIQ	106.7070, 55.4160, 86.0400

Conversions

Conversions Part 2

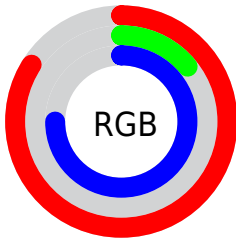
Format	Color
R _{YB}	213, 36, 192
Decimal	13968576
CIE _{Lab}	51.00, 78.48, -40.52
CIE _{LCh}	51, 88.323, 332.694
Y _{xy}	19.2686, 0.3467, 0.1774
Android (android.graphics.Color)	4292158656 (0xFFD524C0)
Y _{UV}	106.7070, 42.0494, 93.2190
Hunter-Lab	43.8960, 76.3657, -39.1106

Details

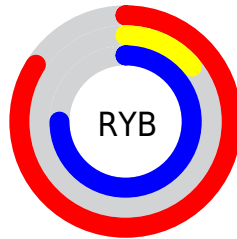
The CIELCh color **51, 88.323, 332.694** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **75, 93.609, 139.069**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 86.219, 328.656**, and **35, 73.181, 332.782** is the 20% darker color. If you saturate the color by 10%, you get **50, 91.125, 333.258**, and if you desaturate by 10%, it is **53, 82.923, 332.139**.

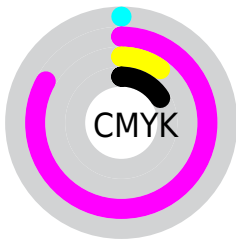
Distribution



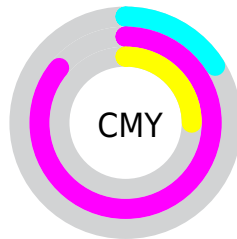
- Red (84%)
- Green (14%)
- Blue (75%)



- Red (84%)
- Yellow (14%)
- Blue (75%)



- Cyan (0%)
- Magenta (83%)
- Yellow (10%)
- Black (16%)




- Cyan (16%)
- Magenta (86%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 88.323, 332.694 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, 88.323, 332.694 by changing the saturation by 10% instead.


 51, 88.323,
332.694

 51, 88.323,
332.694

 100, 88.323,
332.694

 41, 88.323,
332.694

 71, 88.323,
332.694

 31, 88.323,
332.694

 81, 88.323,
332.694

 21, 88.323,
332.694

 91, 88.323,
332.694

 11, 88.323,
332.694

 1, 88.323, 332.694

 0, 88.323, 332.694

■ 51, 88.323,
332.694

■ 51, 88.323,
332.694

■ 50, 91.125,
333.258

■ 53, 82.923,
332.139

■ 49, 91.902,
333.666

■ 56, 75.109,
331.576

■ 59, 65.317,
330.998

■ 64, 54.086,
330.406

■ 68, 41.935,
329.804

■ 73, 29.295,
329.198

■ 78, 16.492,
328.592

■ 84, 3.752, 327.943

Harmonies

Complementary

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



51, 88.323, 332.694



75, 93.609, 139.069

Rectangle

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



51, 88.323, 332.694



51, 88.323, 22.694



51, 88.323, 152.694



51, 88.323, 202.694

Sweetspot

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



51, 88.320, 332.694



85, 36.874, 329.337



32, 104.358, 305.498



43, 25.139, 329.552



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, 88.320, 332.694



59, 105.097, 333.729



48, 69.194, 5.827



42, 7.232, 328.375



39, 78.034, 333.573



6, 30.208, 332.320

Inverse Universe

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



51, 88.320, 332.694



59, 105.097, 333.729



76, 61.769, 159.338



42, 7.232, 328.375



39, 78.034, 333.573



6, 30.208, 332.320

Previews

White Background



This preview shows how the CIELCh color 51, 88.323, 332.694 looks on a white background.

Color Contrast Check

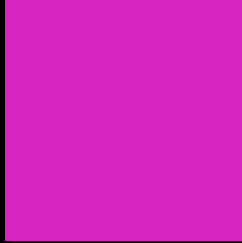
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.323, 332.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

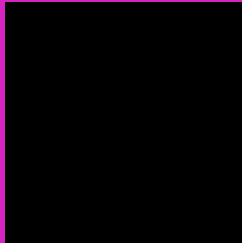
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 88.323, 332.694

Background



This preview shows how black text looks on a background with the CIELCh color 51, 88.323, 332.694.

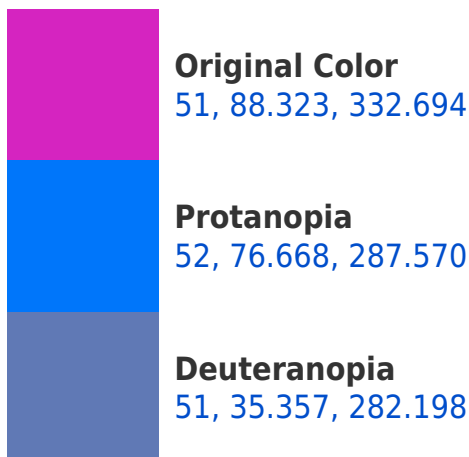


This preview shows how white text looks on a background with the CIELCh color 51, 88.323, 332.694.

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, 53.748, 24.629

Trichromacy



Original Color
51, 88.323, 332.694



Protanomaly
45, 83.027, 298.790



Deuteranomaly
47, 57.684, 312.137



Tritanomaly
50, 60.369, 357.973

Monochromacy



Original Color
51, 88.323, 332.694



Achromatopsia
45, 0.006, 296.813



Achromatomaly
44, 41.029, 330.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 88.323, 332.694 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, 36, 192)` looks like.

```
.text, #text, p{  
    color:rgb(213, 36, 192)  
}
```

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, 36, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 36, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 88.323, 332.694 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, 36, 192) }
```

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

```
.border{ border-color:rgb(213, 36, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 36, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 36, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 36, 192);  
box-shadow:4px 4px 4px 4px rgb(213, 36,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 88.323, 332.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 36, 192) }
```

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

```
.background{ background-color: rgb(213, 36,  
192) }
```

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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