

Converting Colors

CIELCh(51, 85.567, 327.156)

Have a look what the booklet for
CIELCh(51, 85.567, 327.156)
contains.

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Color

CIELCh(51, 85.567, 327.156)

Conversions

Conversions Part 1

Format	Color
Hex	C738CA
RGB	199, 56, 202
RGB Percent	78%, 22%, 79%
CMY	0.2191, 0.7798, 0.2074
CMYK	0.01, 0.72, 0.00, 0.21
HSL	299°, 58%, 51%
HSV	299°, 72%, 79%
XYZ	35.6782, 19.2686, 57.7844
YIQ	115.4010, 38.3620, 75.7220

Conversions

Conversions Part 2

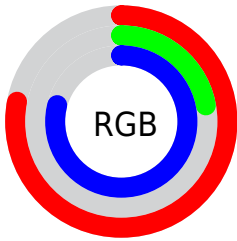
Format	Color
R_{YB}	199, 56, 202
Decimal	13056202
CIE _{Lab}	51.00, 71.89, -46.41
CIE _{LCh}	51, 85.567, 327.156
Yxy	19.2686, 0.3165, 0.1709
Android (android.graphics.Color)	4291246282 (0xFFC738CA)
YUV	115.4010, 42.6933, 73.3163
Hunter-Lab	43.8960, 68.2647, -47.3216

Details

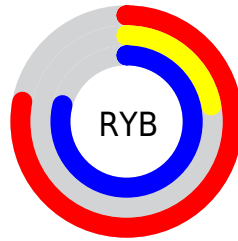
The CIELCh color **51, 85.567, 327.156** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **72, 87.032, 137.622**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 83.658, 327.254**, and **33, 76.803, 326.657** is the 20% darker color. If you saturate the color by 10%, you get **49, 91.778, 327.337**, and if you desaturate by 10%, it is **54, 77.060, 326.875**.

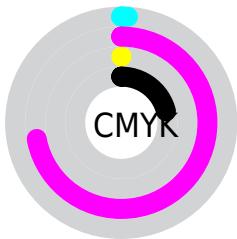
Distribution



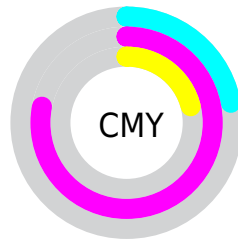
- Red (78%)
- Green (22%)
- Blue (79%)



- Red (78%)
- Yellow (22%)
- Blue (79%)



- Cyan (1%)
- Magenta (72%)
- Yellow (0%)
- Black (21%)





- Cyan (22%)
- Magenta (78%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 85.567, 327.156 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, 85.567, 327.156 by changing the saturation by 10% instead.


 51, 85.567,
327.156


 51, 85.567,
327.156


 100, 85.567,
327.156


 41, 85.567,
327.156


 71, 85.567,
327.156

 31, 85.567,
327.156

 81, 85.567,
327.156

 21, 85.567,
327.156

 91, 85.567,
327.156

 11, 85.567,
327.156

 1, 85.567, 327.156

 0, 85.567, 327.156

■ 51, 85.567,
327.156

■ 51, 85.567,
327.156

■ 49, 91.778,
327.337

■ 54, 77.060,
326.875

■ 48, 95.518,
327.414

■ 57, 66.682,
326.507

■ 47, 97.090,
327.418

■ 61, 54.941,
326.071

■ 65, 42.330,
325.585

■ 70, 29.260,
325.068

■ 75, 16.044,
324.530

■ 80, 2.904, 323.927

■ 85, 10.014,
143.517

■ 91, 22.623,
142.996

Harmonies

Complementary

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



51, 85.567, 327.156



72, 87.032, 137.622

Rectangle

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



51, 85.567, 327.156



51, 85.567, 17.156



51, 85.567, 147.156



51, 85.567, 197.156

Sweetspot

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



51, 85.565, 327.156



87, 34.980, 325.072



35, 85.728, 301.280



44, 23.503, 325.216



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, 85.565, 327.156



61, 112.352, 327.396



48, 63.952, 350.840



40, 7.490, 324.375



39, 83.786, 327.430



5, 28.841, 326.722

Inverse Universe

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



47, 65.866, 29.821



55, 95.067, 35.748



73, 62.334, 153.163



40, 4.368, 18.264



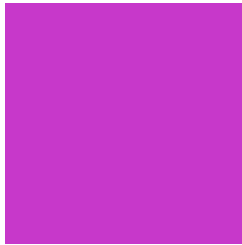
34, 74.712, 38.992



4, 17.917, 18.393

Previews

White Background



This preview shows how the CIELCh color 51, 85.567, 327.156 looks on a white background.

Color Contrast Check

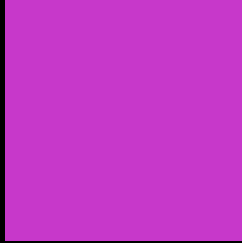
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.567, 327.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

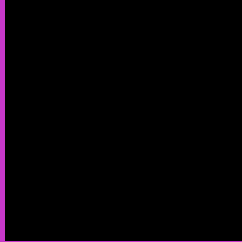
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 85.567, 327.156

Background



This preview shows how black text looks on a background with the CIELCh color 51, 85.567, 327.156.

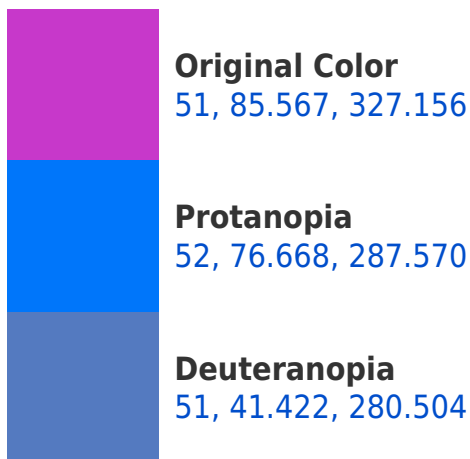


This preview shows how white text looks on a background with the CIELCh color 51, 85.567, 327.156.

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](#).

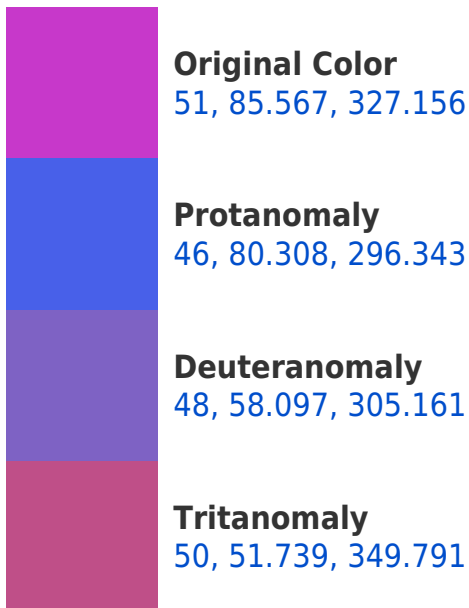
Dichromacy



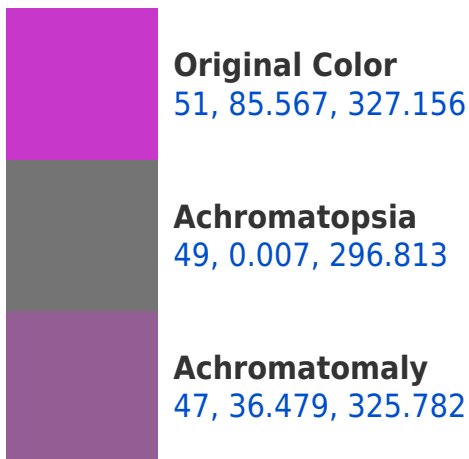


Tritanopia
51, 41.352, 19.859

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 85.567, 327.156 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(199, 56, 202)` looks like.

```
.text, #text, p{  
    color:rgb(199, 56, 202)  
}
```

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(199, 56, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 56, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 85.567, 327.156 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(199, 56, 202) }
```

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

```
.border{ border-color:rgb(199, 56, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 56, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 56, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 56, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 56,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 85.567, 327.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 56, 202) }
```

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

```
.background{ background-color: rgb(199, 56,  
202) }
```

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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