

Converting Colors

CIELCh(51, 65.349, 351.028)

Have a look what the booklet for
CIELCh(51, 65.349, 351.028)
contains.

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Color

CIELCh(51, 65.349, 351.028)

Conversions

Conversions Part 1

Format	Color
Hex	D43E8D
RGB	212, 62, 141
RGB Percent	83%, 24%, 55%
CMY	0.1699, 0.7582, 0.4482
CMYK	0.00, 0.71, 0.34, 0.17
HSL	328°, 63%, 54%
HSV	328°, 71%, 83%
XYZ	33.5441, 19.2686, 27.0374
YIQ	115.8560, 64.0410, 56.3690

Conversions

Conversions Part 2

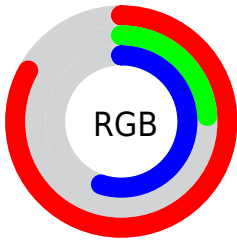
Format	Color
R_{YB}	212, 62, 141
Decimal	13909645
CIE _{Lab}	51.00, 64.55, -10.19
CIE _{LCh}	51, 65.349, 351.028
Yxy	19.2686, 0.4201, 0.2413
Android (android.graphics.Color)	4292099725 (0xFFD43E8D)
YUV	115.8560, 12.3960, 84.3183
Hunter-Lab	43.8960, 59.5866, -5.7919

Details

The CIELCh color **51, 65.349, 351.028** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **76, 63.365, 153.679**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 60.726, 346.331**, and **33, 59.701, 352.843** is the 20% darker color. If you saturate the color by 10%, you get **48, 70.276, 353.445**, and if you desaturate by 10%, it is **54, 58.452, 349.094**.

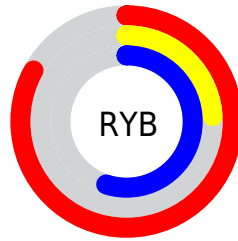
Distribution



Red (83%)

Green (24%)

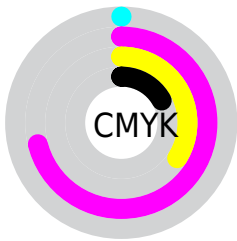
Blue (55%)



Red (83%)

Yellow (24%)

Blue (55%)

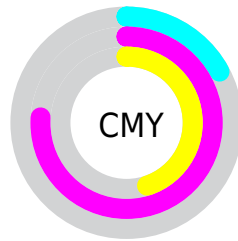


Cyan (0%)

Magenta (71%)

Yellow (34%)

Black (17%)



Cyan (17%)


Magenta (76%)


Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 65.349, 351.028 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, 65.349, 351.028 by changing the saturation by 10% instead.


 51, 65.349,
351.028


 51, 65.349,
351.028


 100, 65.349,
351.028


 41, 65.349,
351.028


 71, 65.349,
351.028

 31, 65.349,
351.028

 81, 65.349,
351.028

 21, 65.349,
351.028

 91, 65.349,
351.028

 11, 65.349,
351.028

 1, 65.349, 351.028

 0, 65.349, 351.028

51, 65.349,
351.028

51, 65.349,
351.028

48, 70.276,
353.445

54, 58.452,
349.094

47, 73.002,
356.496

58, 50.066,
347.508

46, 73.964,
359.858

63, 40.704,
346.173


68, 30.814,
345.020

73, 20.735,
344.002

79, 10.699,
343.077

84, 0.852, 341.810

90, 8.724, 161.592

 96, 17.991,
160.877

Harmonies

Complementary

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



51, 65.349, 351.028



76, 63.365, 153.679

Rectangle

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



51, 65.349, 351.028



51, 65.349, 41.028



51, 65.349, 171.028



51, 65.349, 221.028

Sweetspot

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



51, 65.346, 351.029



86, 24.274, 344.036



43, 87.683, 311.566



44, 16.460, 344.310



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, 65.346, 351.029



57, 82.776, 354.893



49, 66.608, 28.571



42, 5.631, 342.948



37, 63.160, 359.207



5, 23.819, 352.429

Inverse Universe

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



51, 65.346, 351.029



57, 82.776, 354.893



78, 40.225, 192.714



42, 5.631, 342.948



37, 63.160, 359.207



5, 23.819, 352.429

Previews

White Background



This preview shows how the CIELCh color 51, 65.349, 351.028 looks on a white background.

Color Contrast Check

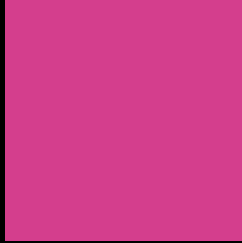
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.349, 351.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

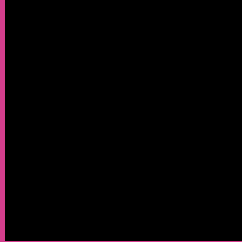
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 65.349, 351.028

Background



This preview shows how black text looks on a background with the CIELCh color 51, 65.349, 351.028.

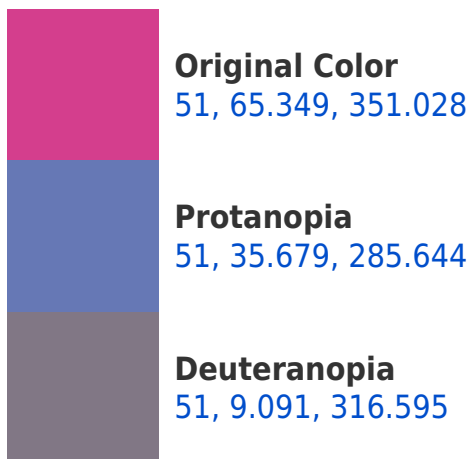


This preview shows how white text looks on a background with the CIELCh color 51, 65.349, 351.028.

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](#).

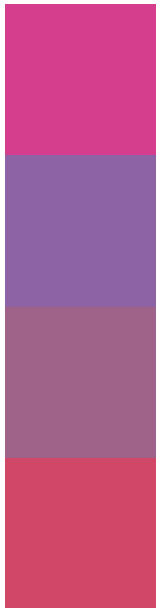
Dichromacy





Tritanopia
51, 57.357, 25.600

Trichromacy



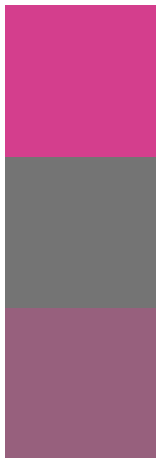
Original Color
51, 65.349, 351.028

Protanomaly
49, 42.024, 315.585

Deuteranomaly
49, 32.180, 340.691

Tritanomaly
51, 57.779, 12.046

Monochromacy



Original Color
51, 65.349, 351.028

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 27.617, 345.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 65.349, 351.028 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(212, 62, 141)` looks like.

```
.text, #text, p{  
    color:rgb(212, 62, 141)  
}
```

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(212, 62, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 62, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 65.349, 351.028 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(212, 62, 141) }
```

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

```
.border{ border-color:rgb(212, 62, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 62, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 62, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 62, 141);  
box-shadow:4px 4px 4px 4px rgb(212, 62,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 65.349, 351.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 62, 141) }
```

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

```
.background{ background-color: rgb(212, 62,  
141) }
```

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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