

Converting Colors

CIELCh(51, 62.009, 0.013)

Have a look what the booklet for
CIELCh(51, 62.009, 0.013) contains.

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Color

CIELCh(51, 61.953, 0.053)

Conversions

Conversions Part 1

Format	Color
Hex	D5417C
RGB	213, 65, 124
RGB Percent	84%, 25%, 49%
CMY	0.1663, 0.7466, 0.5150
CMYK	0.00, 0.70, 0.42, 0.17
HSL	336°, 64%, 54%
HSV	336°, 70%, 83%
XYZ	32.8100, 19.2686, 20.9490
YIQ	115.9780, 69.2690, 49.7250

Conversions

Conversions Part 2

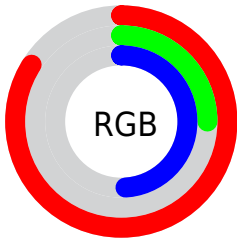
Format	Color
R_{YB}	213, 65, 124
Decimal	13975932
CIE _{Lab}	51.00, 61.95, 0.06
CIE _{LCh}	51, 61.953, 0.053
Yxy	19.2686, 0.4493, 0.2639
Android (android.graphics.Color)	4292166012 (0xFFD5417C)
YUV	115.9780, 3.9548, 85.0883
Hunter-Lab	43.8960, 56.6016, 2.4315

Details

The CIELCh color **51, 61.953, 0.053** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **77, 55.515, 160.910**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 55.779, 355.871**, and **32, 57.857, 2.232** is the 20% darker color. If you saturate the color by 10%, you get **48, 67.619, 3.233**, and if you desaturate by 10%, it is **55, 54.672, 357.548**.

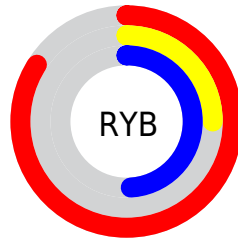
Distribution



Red (84%)

Green (25%)

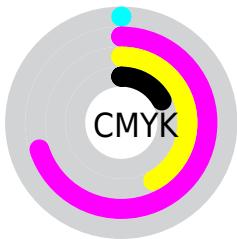
Blue (49%)



Red (84%)

Yellow (25%)

Blue (49%)

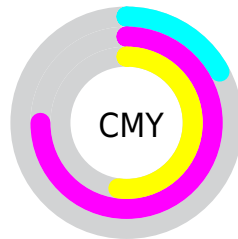


Cyan (0%)

Magenta (70%)

Yellow (42%)

Black (17%)



Cyan (17%)

Magenta (75%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 61.953, 0.053 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, 61.953, 0.053 by changing the saturation by 10% instead.

 51, 61.953, 0.053  51, 61.953, 0.053

 100, 61.953, 0.053  41, 61.953, 0.053

 71, 61.953, 0.053  31, 61.953, 0.053


 81, 61.953, 0.053  21, 61.953, 0.053

 91, 61.953, 0.053  11, 61.953, 0.053

 1, 61.953, 0.053

 0, 61.953, 0.053

 51, 61.953, 0.053  51, 61.953, 0.053

 48, 67.619, 3.233  55, 54.672,
357.548

 46, 71.477, 7.257

45, 73.929, 12.112

59, 46.218,
355.542

45, 74.026, 12.304

64, 37.053,
353.901

69, 27.574,
352.526

74, 18.070,
351.344

80, 8.728, 350.294

85, 0.342, 170.795

91, 9.086, 168.680

97, 16.954,
168.784

Harmonies

Complementary

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



51, 61.953, 0.053



77, 55.515, 160.910

Rectangle

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



51, 61.953, 0.053



51, 61.953, 50.053



51, 61.953, 180.053



51, 61.953, 230.053

Sweetspot

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



51, 61.950, 0.054



86, 22.473, 351.524



46, 86.215, 315.263



44, 15.260, 351.844



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, 61.950, 0.054



56, 80.149, 5.236



52, 63.091, 35.193



42, 5.185, 350.275



36, 62.795, 11.427



5, 22.725, 0.723

Inverse Universe

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



51, 61.950, 0.054



56, 80.149, 5.236



74, 35.474, 210.197



42, 5.185, 350.275



36, 62.795, 11.427



5, 22.725, 0.723

Previews

White Background



This preview shows how the CIELCh color 51, 61.953, 0.053 looks on a white background.

Color Contrast Check

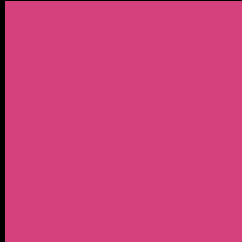
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.953, 0.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

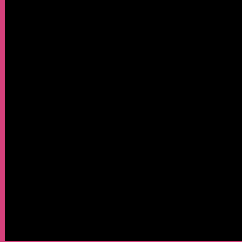
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 61.953, 0.053

Background



This preview shows how black text looks on a background with the CIELCh color 51, 61.953, 0.053.

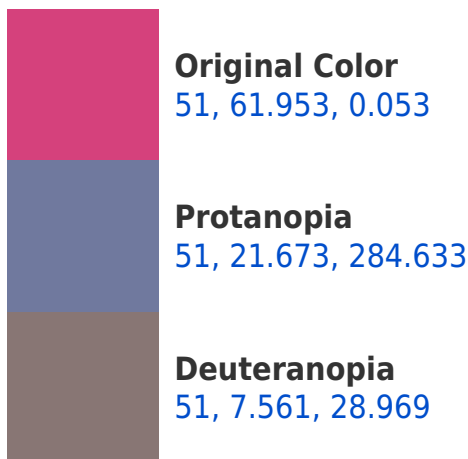


This preview shows how white text looks on a background with the CIELCh color 51, 61.953, 0.053.

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, 59.754, 26.676

Trichromacy



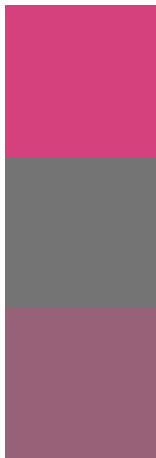
Original Color
51, 61.953, 0.053

Protanomaly
49, 32.511, 327.933

Deuteranomaly
50, 28.952, 0.084

Tritanomaly
51, 59.037, 16.889

Monochromacy



Original Color
51, 61.953, 0.053

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 25.388, 352.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 61.953, 0.053 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, 65, 124)` looks like.

```
.text, #text, p{  
    color:rgb(213, 65, 124)  
}
```

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, 65, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 65, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 61.953, 0.053 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, 65, 124) }
```

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

```
.border{ border-color:rgb(213, 65, 124) }
```

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

Here you see how a box with a 4 pixel rgb(213, 65, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 65, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 65, 124);  
box-shadow:4px 4px 4px 4px rgb(213, 65,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 61.953, 0.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 65, 124) }
```

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

```
.background{ background-color: rgb(213, 65,  
124) }
```

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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