

Converting Colors

CIELCh(52, 57.661, 357.207)

Have a look what the booklet for
CIELCh(52, 57.661, 357.207)
contains.

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Color

CIELCh(52, 57.661, 357.207)

Conversions

Conversions Part 1

Format	Color
Hex	D14B83
RGB	209, 75, 131
RGB Percent	82%, 29%, 51%
CMY	0.1815, 0.7069, 0.4872
CMYK	0.00, 0.64, 0.37, 0.18
HSL	335°, 59%, 56%
HSV	335°, 64%, 82%
XYZ	32.7960, 20.1443, 23.5488
YIQ	121.4500, 61.8880, 45.8240

Conversions

Conversions Part 2

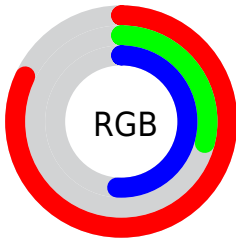
Format	Color
R_{YB}	209, 75, 131
Decimal	13716355
CIE _{Lab}	52.00, 57.59, -2.81
CIE _{LCh}	52, 57.661, 357.207
Yxy	20.1443, 0.4288, 0.2634
Android (android.graphics.Color)	4291906435 (0xFFD14B83)
YUV	121.4500, 4.7082, 76.7814
Hunter-Lab	44.8824, 51.8872, 0.3096

Details

The CIELCh color **52, 57.661, 357.207** 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 **76, 52.344, 160.710**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 53.148, 353.542**, and **32, 57.649, 357.040** is the 20% darker color. If you saturate the color by 10%, you get **49, 64.086, 359.890**, and if you desaturate by 10%, it is **56, 49.819, 355.074**.

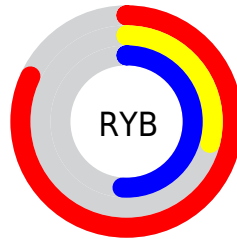
Distribution



Red (82%)

Green (29%)

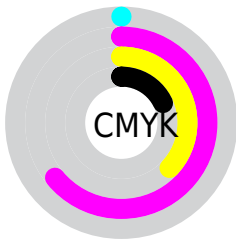
Blue (51%)



Red (82%)

Yellow (29%)

Blue (51%)

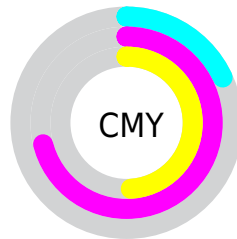


Cyan (0%)

Magenta (64%)

Yellow (37%)

Black (18%)



Cyan (18%)


Magenta (71%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 57.661, 357.207 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 52, 57.661, 357.207 by changing the saturation by 10% instead.


 52, 57.661,
357.207


 52, 57.661,
357.207


 100, 57.661,
357.207


 42, 57.661,
357.207


 72, 57.661,
357.207

 32, 57.661,
357.207

 82, 57.661,
357.207

 22, 57.661,
357.207

 92, 57.661,
357.207

 12, 57.661,
357.207

 2, 57.661, 357.207

 0, 57.661, 357.207

■ 52, 57.661,
357.207

■ 52, 57.661,
357.207

■ 49, 64.086,
359.890

■ 56, 49.819,
355.074

■ 47, 68.743, 3.295

■ 60, 41.040,
353.340

■ 45, 71.582, 7.581

■ 65, 31.757,
351.896

■ 45, 72.773, 10.372


■ 70, 22.309,
350.664

■ 76, 12.929,
349.584

■ 81, 3.762, 348.559

■ 87, 5.112, 167.925

■ 93, 13.659,
167.110

 97, 17.707,
172.707

Harmonies

Complementary

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



52, 57.661, 357.207



76, 52.344, 160.710

Rectangle

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



52, 57.661, 357.207



52, 57.661, 47.207



52, 57.661, 177.207



52, 57.661, 227.207

Sweetspot

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



52, 57.658, 357.208



88, 20.501, 350.112



47, 79.140, 314.179



45, 14.157, 350.429



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52, 57.658, 357.208



58, 76.790, 1.056



52, 57.715, 32.146



41, 5.142, 349.103



36, 61.938, 9.522



5, 21.117, 359.047

Inverse Universe

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



52, 57.658, 357.208



58, 76.790, 1.056



74, 34.550, 205.101



41, 5.142, 349.103



36, 61.938, 9.522



5, 21.117, 359.047

Previews

White Background



This preview shows how the CIELCh color 52, 57.661, 357.207 looks on a white background.

Color Contrast Check

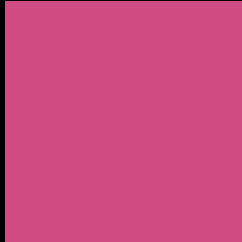
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 57.661, 357.207 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 52, 57.661, 357.207

Background



This preview shows how black text looks on a background with the CIELCh color 52, 57.661, 357.207.

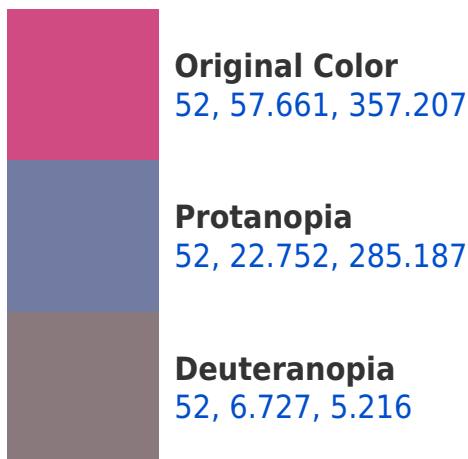



This preview shows how white text looks on a background with the CIELCh color 52, 57.661, 357.207.

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
52, 53.529, 24.405

Trichromacy



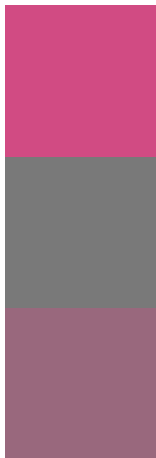
Original Color
52, 57.661, 357.207

Protanomaly
50, 31.226, 324.168

Deuteranomaly
51, 26.923, 355.045

Tritanomaly
52, 53.337, 14.303

Monochromacy



Original Color
52, 57.661, 357.207

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 23.192, 350.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 57.661, 357.207 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(209, 75, 131)` looks like.

```
.text, #text, p{  
    color:rgb(209, 75, 131)  
}
```

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(209, 75, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 75, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 57.661, 357.207 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(209, 75, 131) }
```

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

```
.border{ border-color:rgb(209, 75, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 75, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 75, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 75, 131); box-shadow:4px 4px 4px 4px rgb(209, 75, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 57.661, 357.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 75, 131) }
```

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

```
.background{ background-color: rgb(209, 75,  
131) }
```

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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