

Converting Colors

CIELCh(52, 59.382, 3.466)

Have a look what the booklet for
CIELCh(52, 59.382, 3.466) contains.

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Color

CIELCh(52, 59.379, 3.381)

Conversions

Conversions Part 1

Format	Color
Hex	D54778
RGB	213, 71, 120
RGB Percent	84%, 28%, 47%
CMY	0.1629, 0.7198, 0.5279
CMYK	0.00, 0.67, 0.44, 0.16
HSL	339°, 63%, 56%
HSV	339°, 67%, 84%
XYZ	33.2705, 20.1443, 20.0264
YIQ	119.0440, 68.9030, 45.3430

Conversions

Conversions Part 2

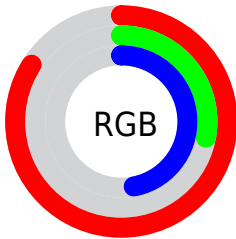
Format	Color
R_{YB}	213, 71, 120
Decimal	13977464
CIE Lab	52.00, 59.28, 3.50
CIE LCh	52, 59.379, 3.381
Yxy	20.1443, 0.4530, 0.2743
Android (android.graphics.Color)	4292167544 (0xFFD54778)
YUV	119.0440, 0.4713, 82.3994
Hunter-Lab	44.8824, 53.7743, 4.9626

Details

The CIELCh color **52, 59.379, 3.381** 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, 51.054, 164.956**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 52.771, 359.370**, and **32, 57.724, 4.081** is the 20% darker color. If you saturate the color by 10%, you get **49, 65.913, 6.623**, and if you desaturate by 10%, it is **56, 51.501, 0.827**.

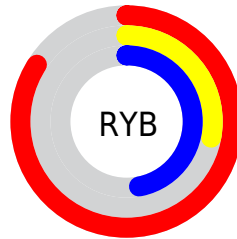
Distribution



Red (84%)

Green (28%)

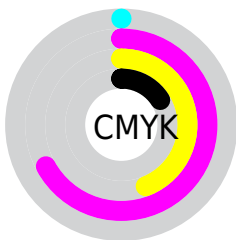
Blue (47%)



Red (84%)

Yellow (28%)

Blue (47%)

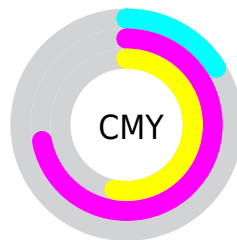


Cyan (0%)

Magenta (67%)

Yellow (44%)

Black (16%)



Cyan (16%)

Magenta (72%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 59.379, 3.381 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, 59.379, 3.381 by changing the saturation by 10% instead.

 52, 59.379, 3.381  52, 59.379, 3.381

 100, 59.379, 3.381  42, 59.379, 3.381

 72, 59.379, 3.381  32, 59.379, 3.381

 82, 59.379, 3.381  22, 59.379, 3.381



 92, 59.379, 3.381  12, 59.379, 3.381

 2, 59.379, 3.381

 0, 59.379, 3.381

 52, 59.379, 3.381  52, 59.379, 3.381

 49, 65.913, 6.623  56, 51.501, 0.827

 47, 70.849, 10.721  60, 42.718,

46, 74.309, 15.753 358.785

45, 75.435, 17.580 65, 33.457,
357.120

70, 24.062,
355.729

76, 14.771,
354.538

82, 5.731, 353.464

87, 2.981, 172.812

93, 11.332,
171.890

97, 14.897,
181.085

Harmonies

Complementary

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



52, 59.379, 3.381



77, 51.054, 164.956

Rectangle

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



52, 59.379, 3.381



52, 59.379, 53.381



52, 59.379, 183.381



52, 59.379, 233.381

Sweetspot

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



52, 59.376, 3.383



87, 20.772, 354.957



49, 83.227, 316.704



44, 14.232, 355.295



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, 59.376, 3.383



57, 78.025, 8.266



55, 58.259, 37.648



42, 5.024, 353.773



36, 63.672, 16.635



5, 22.444, 3.868

Inverse Universe

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



52, 59.376, 3.383



57, 78.025, 8.266



72, 33.658, 217.578



42, 5.024, 353.773



36, 63.672, 16.635



5, 22.444, 3.868

Previews

White Background



This preview shows how the CIELCh color 52, 59.379, 3.381 looks on a white background.

Color Contrast Check

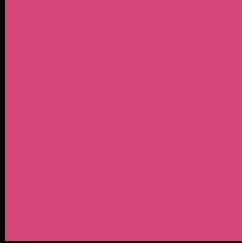
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.379, 3.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

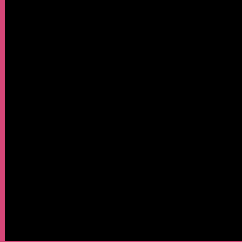
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 59.379, 3.381

Background



This preview shows how black text looks on a background with the CIELCh color 52, 59.379, 3.381.



This preview shows how white text looks on a background with the CIELCh color 52, 59.379, 3.381.

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



Original Color

52, 59.379, 3.381

Protanopia

52, 16.291, 287.122

Deuteranopia

52, 9.749, 44.630



Tritanopia
52, 58.032, 25.592

Trichromacy



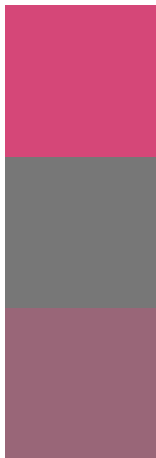
Original Color
52, 59.379, 3.381

Protanomaly
50, 28.142, 335.095

Deuteranomaly
51, 28.182, 6.748

Tritanomaly
52, 57.568, 17.491

Monochromacy



Original Color
52, 59.379, 3.381

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 23.290, 355.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 59.379, 3.381 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, 71, 120)` looks like.

```
.text, #text, p{  
    color:rgb(213, 71, 120)  
}
```

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, 71, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 71, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 59.379, 3.381 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, 71, 120) }
```

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

```
.border{ border-color:rgb(213, 71, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 71, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 71, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 71, 120); box-shadow:4px 4px 4px 4px rgb(213, 71, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 59.379, 3.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 71, 120) }
```

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

```
.background{ background-color: rgb(213, 71,  
120) }
```

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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