

Converting Colors

CIELCh(52, 58.215, 356.150)

Have a look what the booklet for
CIELCh(52, 58.215, 356.150)
contains.

CIELCh(52, 58.373, 355.936)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 58.373, 355.936)

Conversions

Conversions Part 1

Format	Color
Hex	D14A85
RGB	209, 74, 133
RGB Percent	82%, 29%, 52%
CMY	0.1804, 0.7098, 0.4785
CMYK	0.00, 0.65, 0.36, 0.18
HSL	334°, 59%, 55%
HSV	334°, 65%, 82%
XYZ	32.9741, 20.1443, 24.3385
YIQ	121.0910, 61.5210, 46.9690

Conversions

Conversions Part 2

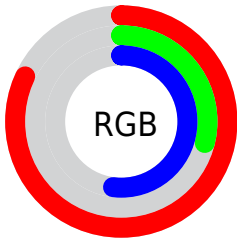
Format	Color
R_{YB}	209, 74, 133
Decimal	13716101
CIE _{Lab}	52.00, 58.23, -4.14
CIE _{LCh}	52, 58.373, 355.936
Yxy	20.1443, 0.4257, 0.2601
Android (android.graphics.Color)	4291906181 (0xFFD14A85)
YUV	121.0910, 5.8711, 77.0962
Hunter-Lab	44.8824, 52.5956, -0.7336

Details

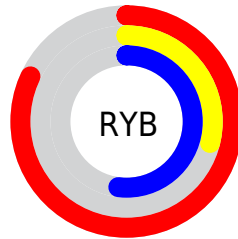
The CIELCh color **52, 58.373, 355.936** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **76, 53.604, 159.543**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 54.047, 352.252**, and **32, 58.054, 355.791** is the 20% darker color. If you saturate the color by 10%, you get **49, 64.675, 358.541**, and if you desaturate by 10%, it is **56, 50.589, 353.861**.

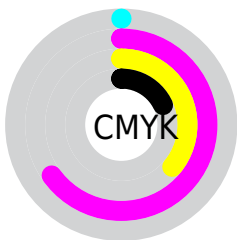
Distribution



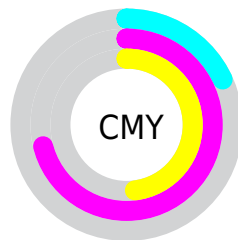
- Red (82%)
- Green (29%)
- Blue (52%)



- Red (82%)
- Yellow (29%)
- Blue (52%)



- Cyan (0%)
- Magenta (65%)
- Yellow (36%)
- Black (18%)





- Cyan (18%)
- Magenta (71%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 58.373, 355.936 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, 58.373, 355.936 by changing the saturation by 10% instead.


 52, 58.373,
355.936


 52, 58.373,
355.936


 100, 58.373,
355.936


 42, 58.373,
355.936


 72, 58.373,
355.936

 32, 58.373,
355.936

 82, 58.373,
355.936

 22, 58.373,
355.936

 92, 58.373,
355.936

 12, 58.373,
355.936

 2, 58.373, 355.936

 0, 58.373, 355.936

52, 58.373,
355.936

52, 58.373,
355.936

49, 64.675,
358.541

56, 50.589,
353.861

47, 69.142, 1.844

60, 41.810,
352.170

45, 71.727, 6.009

65, 32.482,
350.757

45, 72.707, 8.523


70, 22.954,
349.547

76, 13.470,
348.484

81, 4.180, 347.481

87, 4.828, 166.845

93, 13.515,
166.030

 97, 17.935,
170.887

Harmonies

Complementary

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



52, 58.373, 355.936



76, 53.604, 159.543

Rectangle

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



52, 58.373, 355.936



52, 58.373, 45.936



52, 58.373, 175.936



52, 58.373, 225.936

Sweetspot

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



52, 58.370, 355.937



88, 20.729, 348.961



47, 79.667, 313.704



45, 14.311, 349.272



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, 58.370, 355.937



58, 77.655, 359.866



52, 58.808, 31.320



41, 5.203, 347.970



36, 61.857, 7.696



5, 21.256, 357.906

Inverse Universe

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



52, 58.370, 355.937



58, 77.655, 359.866



75, 35.280, 202.911



41, 5.203, 347.970



36, 61.857, 7.696



5, 21.256, 357.906

Previews

White Background



This preview shows how the CIELCh color 52, 58.373, 355.936 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 52, 58.373, 355.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

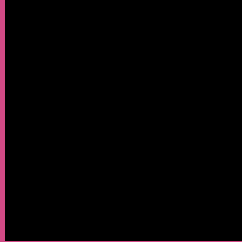
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 58.373, 355.936

Background



This preview shows how black text looks on a background with the CIELCh color 52, 58.373, 355.936.

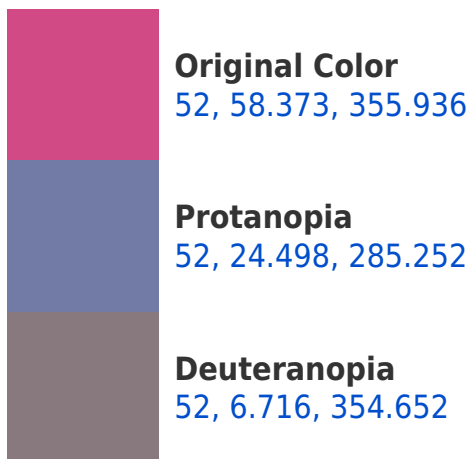


This preview shows how white text looks on a background with the CIELCh color 52, 58.373, 355.936.

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](#).

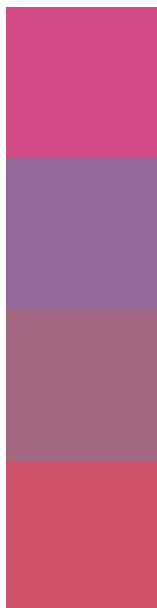
Dichromacy





Tritanopia
52, 53.529, 24.405

Trichromacy



Original Color
52, 58.373, 355.936

Protanomaly
50, 32.182, 323.063

Deuteranomaly
51, 27.581, 351.723

Tritanomaly
52, 53.666, 13.337

Monochromacy



Original Color
52, 58.373, 355.936

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, 58.373, 355.936 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, 74, 133)` looks like.

```
.text, #text, p{  
    color:rgb(209, 74, 133)  
}
```

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, 74, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 74, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 58.373, 355.936 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, 74, 133) }
```

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

```
.border{ border-color:rgb(209, 74, 133) }
```

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

Here you see how a box with a 4 pixel rgb(209, 74, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 74, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 74, 133);  
box-shadow:4px 4px 4px 4px rgb(209, 74,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 58.373, 355.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 74, 133) }
```

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

```
.background{ background-color: rgb(209, 74,  
133) }
```

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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