

Converting Colors

CIELCh(52, 63.218, 333.133)

Have a look what the booklet for
CIELCh(52, 63.218, 333.133)
contains.

CIELCh(52, 63.429, 333.175)	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, 63.429, 333.175)

Conversions

Conversions Part 1

Format	Color
Hex	C150AE
RGB	193, 80, 174
RGB Percent	76%, 31%, 68%
CMY	0.2430, 0.6861, 0.3175
CMYK	0.00, 0.59, 0.10, 0.24
HSL	310°, 48%, 54%
HSV	310°, 59%, 76%
XYZ	32.5193, 20.1443, 42.2398
YIQ	124.5030, 37.1740, 53.1900

Conversions

Conversions Part 2

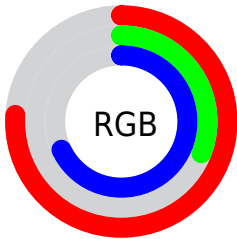
Format	Color
R_{YB}	193, 80, 174
Decimal	12669102
CIE _{Lab}	52.00, 56.60, -28.62
CIE _{LCh}	52, 63.429, 333.175
Yxy	20.1443, 0.3427, 0.2123
Android (android.graphics.Color)	4290859182 (0xFFC150AE)
YUV	124.5030, 24.4020, 60.0719
Hunter-Lab	44.8824, 50.7867, -24.3813

Details

The CIELCh color **52, 63.429, 333.175** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **70, 64.183, 143.971**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 63.459, 333.170**, and **32, 63.237, 333.110** is the 20% darker color. If you saturate the color by 10%, you get **49, 71.299, 333.861**, and if you desaturate by 10%, it is **56, 54.005, 332.505**.

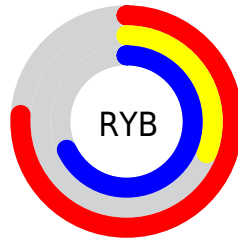
Distribution



Red (76%)

Green (31%)

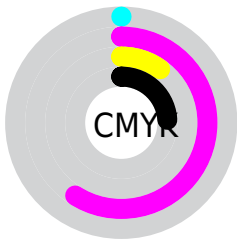
Blue (68%)



Red (76%)

Yellow (31%)

Blue (68%)

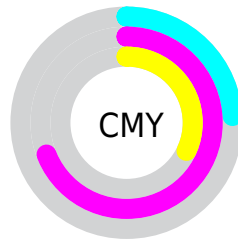


Cyan (0%)

Magenta (59%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (69%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 63.429, 333.175 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, 63.429, 333.175 by changing the saturation by 10% instead.


 52, 63.429,
333.175


 52, 63.429,
333.175


 100, 63.429,
333.175


 42, 63.429,
333.175


 72, 63.429,
333.175

 32, 63.429,
333.175

 82, 63.429,
333.175

 22, 63.429,
333.175

 92, 63.429,
333.175

 12, 63.429,
333.175

 2, 63.429, 333.175

 0, 63.429, 333.175

52, 63.429,
333.175

52, 63.429,
333.175

49, 71.299,
333.861

56, 54.005,
332.505

47, 77.154,
334.576

60, 43.529,
331.846

45, 80.683,
335.343

64, 32.433,
331.196

44, 82.038,
336.184

69, 21.057,
330.557

44, 82.178,
336.309

74, 9.647, 329.924

79, 1.633, 149.536

84, 12.681,
148.807

89, 23.440,
148.248

■ 94, 33.882,
147.723

Harmonies

Complementary

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



52, 63.429, 333.175



70, 64.183, 143.971

Rectangle

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



52, 63.429, 333.175



52, 63.429, 23.175



52, 63.429, 153.175



52, 63.429, 203.175

Sweetspot

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



52, 63.426, 333.175



87, 25.217, 330.541



42, 67.850, 302.954



45, 17.533, 330.727



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



52, 63.426, 333.175



62, 88.646, 334.041



50, 48.904, 2.039



38, 6.432, 329.977



36, 71.845, 336.180



4, 20.655, 332.964

Inverse Universe

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



52, 63.426, 333.175



62, 88.646, 334.041



71, 42.213, 167.052



38, 6.432, 329.977



36, 71.845, 336.180



4, 20.655, 332.964

Previews

White Background



This preview shows how the CIELCh color 52, 63.429, 333.175 looks on a white background.

Color Contrast Check

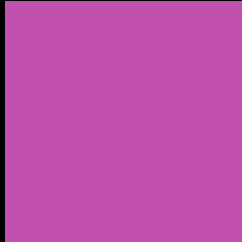
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.429, 333.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

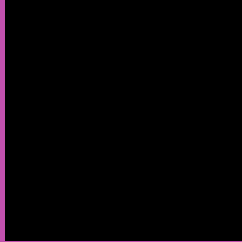
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 63.429, 333.175

Background



This preview shows how black text looks on a background with the CIELCh color 52, 63.429, 333.175.

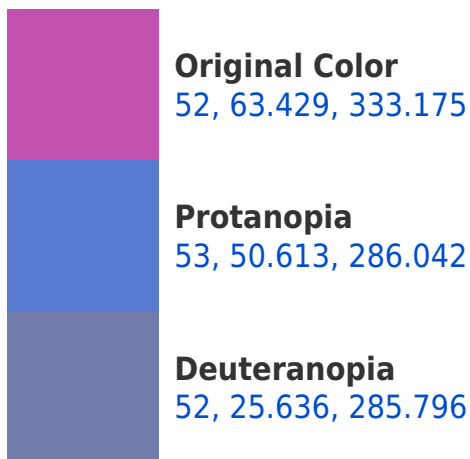


This preview shows how white text looks on a background with the CIELCh color 52, 63.429, 333.175.

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, 38.016, 18.674

Trichromacy



Original Color
52, 63.429, 333.175

Protanomaly
51, 52.285, 302.559

Deuteranomaly
51, 38.763, 312.679

Tritanomaly
52, 43.796, 355.957

Monochromacy



Original Color
52, 63.429, 333.175

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 25.256, 331.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 63.429, 333.175 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(193, 80, 174)` looks like.

```
.text, #text, p{  
    color:rgb(193, 80, 174)  
}
```

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(193, 80, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 80, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 63.429, 333.175 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(193, 80, 174) }
```

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

```
.border{ border-color:rgb(193, 80, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 80, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 80, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 80, 174); box-shadow:4px 4px 4px 4px rgb(193, 80, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 63.429, 333.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 80, 174) }
```

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

```
.background{ background-color: rgb(193, 80,  
174) }
```

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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