

Converting Colors

CIELCh(52, 64.676, 324.142)

Have a look what the booklet for
CIELCh(52, 64.676, 324.142)
contains.

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Color

CIELCh(52, 64.678, 323.930)

Conversions

Conversions Part 1

Format	Color
Hex	B357BE
RGB	179, 87, 190
RGB Percent	70%, 34%, 75%
CMY	0.2977, 0.6585, 0.2546
CMYK	0.06, 0.54, 0.00, 0.25
HSL	294°, 44%, 54%
HSV	294°, 54%, 75%
XYZ	31.3278, 20.1443, 50.9999
YIQ	126.2500, 21.7690, 51.5370

Conversions

Conversions Part 2

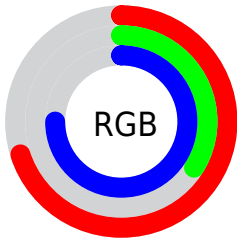
Format	Color
R _{YB}	179, 87, 190
Decimal	11753406
CIE _{Lab}	52.00, 52.28, -38.08
CIE _{LCh}	52, 64.678, 323.930
Y _{xy}	20.1443, 0.3057, 0.1966
Android (android.graphics.Color)	4289943486 (0xFFB357BE)
YUV	126.2500, 31.4288, 46.2617
Hunter-Lab	44.8824, 46.0481, -35.9535

Details

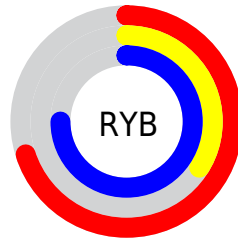
The CIELCh color **52, 64.678, 323.930** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70, 64.336, 137.798**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 64.614, 323.917**, and **32, 64.703, 324.089** is the 20% darker color. If you saturate the color by 10%, you get **49, 74.513, 324.208**, and if you desaturate by 10%, it is **56, 53.612, 323.564**.

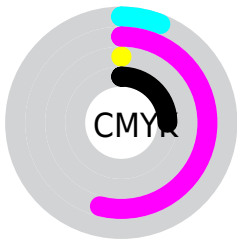
Distribution



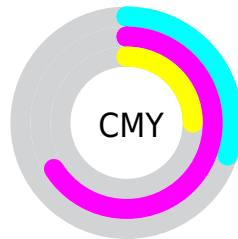
- Red (70%)
- Green (34%)
- Blue (75%)



- Red (70%)
- Yellow (34%)
- Blue (75%)



- Cyan (6%)
- Magenta (54%)
- Yellow (0%)
- Black (25%)





- Cyan (30%)
- Magenta (66%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 64.678, 323.930 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, 64.678, 323.930 by changing the saturation by 10% instead.


 52, 64.678,
323.930


 52, 64.678,
323.930


 100, 64.678,
323.930


 42, 64.678,
323.930


 72, 64.678,
323.930

 32, 64.678,
323.930

 82, 64.678,
323.930

 22, 64.678,
323.930

 92, 64.678,
323.930

 12, 64.678,
323.930

 2, 64.678, 323.930

 0, 64.678, 323.930

52, 64.678,
323.930

52, 64.678,
323.930

49, 74.513,
324.208

56, 53.612,
323.564

46, 82.611,
324.366

60, 41.791,
323.137

44, 88.528,
324.379

65, 29.589,
322.673

42, 92.042,
324.229

70, 17.284,
322.189

42, 93.347,
324.092

75, 5.066, 321.678

80, 6.941, 141.285

85, 18.665,
140.812

90, 30.066,
140.378

■ 95, 39.248,
139.900

Harmonies

Complementary

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



52, 64.678, 323.930



70, 64.336, 137.798

Rectangle

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



52, 64.678, 323.930



52, 64.678, 13.930



52, 64.678, 143.930



52, 64.678, 193.930

Sweetspot

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



52, 64.676, 323.930



87, 24.170, 322.290



45, 54.016, 293.745



46, 16.468, 322.392



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, 64.676, 323.930



62, 92.833, 324.247



52, 51.122, 342.791



37, 6.841, 321.950



34, 81.437, 324.147



3, 20.361, 320.780

Inverse Universe

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



50, 44.649, 18.191



60, 67.008, 21.550



70, 50.092, 152.370



37, 4.129, 11.309



33, 68.644, 34.918



3, 12.340, 13.275

Previews

White Background



This preview shows how the CIELCh color 52, 64.678, 323.930 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, 64.678, 323.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

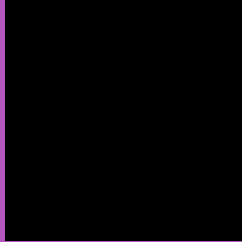
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 64.678, 323.930

Background



This preview shows how black text looks on a background with the CIELCh color 52, 64.678, 323.930.

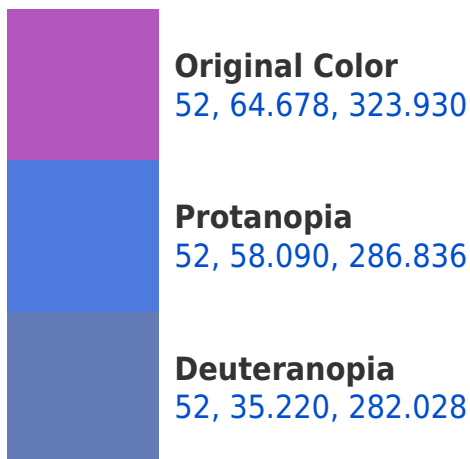


This preview shows how white text looks on a background with the CIELCh color 52, 64.678, 323.930.

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, 26.489, 14.170

Trichromacy



Original Color
52, 64.678, 323.930

Protanomaly
51, 58.754, 298.633

Deuteranomaly
51, 44.125, 302.385

Tritanomaly
52, 36.684, 343.576

Monochromacy



Original Color
52, 64.678, 323.930

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 24.900, 322.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 64.678, 323.930 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(179, 87, 190)` looks like.

```
.text, #text, p{  
    color:rgb(179, 87, 190)  
}
```

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(179, 87, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 87, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 64.678, 323.930 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(179, 87, 190) }
```

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

```
.border{ border-color:rgb(179, 87, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 87, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 87, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 87, 190);  
box-shadow:4px 4px 4px 4px rgb(179, 87,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 64.678, 323.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 87, 190) }
```

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

```
.background{ background-color: rgb(179, 87,  
190) }
```

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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