

Converting Colors

CIELCh(58, 52.937, 326.676)

Have a look what the booklet for
CIELCh(58, 52.937, 326.676)
contains.

CIELCh(58, 52.937, 326.676)	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(58, 52.937, 326.676)

Conversions

Conversions Part 1

Format	Color
Hex	BF6EBF
RGB	191, 110, 191
RGB Percent	75%, 43%, 75%
CMY	0.2513, 0.5689, 0.2513
CMYK	0.00, 0.42, 0.00, 0.25
HSL	300°, 39%, 59%
HSV	300°, 42%, 75%
XYZ	36.4301, 25.9610, 52.3376
YIQ	143.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

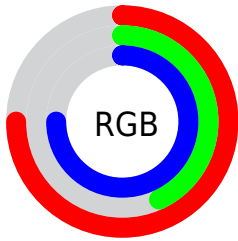
Format	Color
RYB	191, 110, 191
Decimal	12545727
CIELab	58.00, 44.23, -29.08
CIELCh	58, 52.937, 326.676
Yxy	25.9610, 0.3175, 0.2263
Android (android.graphics.Color)	4290735807 (0xFFBF6EBF)
YUV	143.4530, 23.4407, 41.6987
Hunter-Lab	50.9519, 38.4598, -25.2361

Details

The CIELCh color $58, 52.937, 326.676$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $71, 53.072, 141.189$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 52.895, 326.623$, and $38, 52.588, 326.861$ is the 20% darker color. If you saturate the color by 10%, you get $54, 64.131, 327.127$, and if you desaturate by 10%, it is $62, 40.875, 326.178$.

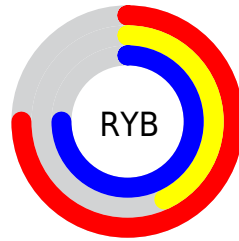
Distribution



Red (75%)

Green (43%)

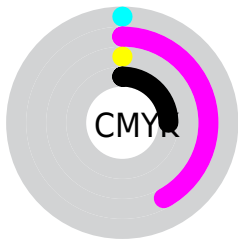
Blue (75%)



Red (75%)

Yellow (43%)

Blue (75%)

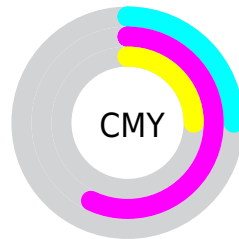


Cyan (0%)

Magenta (42%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (57%)


Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 52.937, 326.676 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 58, 52.937, 326.676 by changing the saturation by 10% instead.


 58, 52.937,
326.676

 58, 52.937,
326.676


 100, 52.937,
326.676

 48, 52.937,
326.676


 78, 52.937,
326.676

 38, 52.937,
326.676

 88, 52.937,
326.676

 28, 52.937,
326.676

 98, 52.937,
326.676

 18, 52.937,
326.676

 8, 52.937, 326.676

 0, 52.937, 326.676

58, 52.937,
326.676

58, 52.937,
326.676

54, 64.131,
327.127

62, 40.875,
326.178

51, 73.997,
327.515

67, 28.350,
325.649

49, 82.055,
327.824

71, 15.665,
325.100

47, 87.927,
328.045

76, 3.038, 324.491

81, 9.383, 144.064


46, 91.461,
328.176

86, 21.511,
143.528

45, 92.965,
328.231

91, 33.294,
143.025

94, 40.166,
142.737

 94, 40.166,
142.736

Harmonies

Complementary

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



58, 52.937, 326.676



71, 53.072, 141.189

Rectangle

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



58, 52.937, 326.676



58, 52.937, 16.676



58, 52.937, 146.676



58, 52.937, 196.676

Sweetspot

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



58, 52.935, 326.676



90, 20.239, 325.144



50, 46.527, 295.334



47, 14.291, 325.268



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



58, 52.935, 326.676



70, 77.112, 327.101



57, 38.588, 346.929



37, 7.068, 324.928



37, 80.849, 328.231



3, 21.490, 325.459

Inverse Universe

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



55, 34.995, 23.657



66, 53.382, 25.445



71, 36.905, 158.579



37, 4.096, 19.915



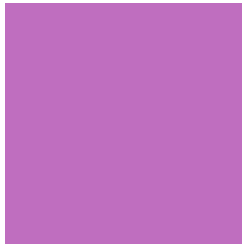
32, 72.802, 39.663



3, 12.251, 19.403

Previews

White Background



This preview shows how the CIELCh color 58, 52.937, 326.676 looks on a white background.

Color Contrast Check

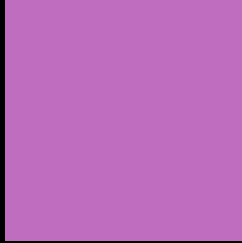
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 52.937, 326.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

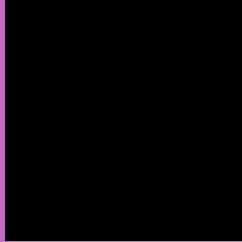
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 52.937, 326.676

Background



This preview shows how black text looks on a background with the CIELCh color 58, 52.937, 326.676.

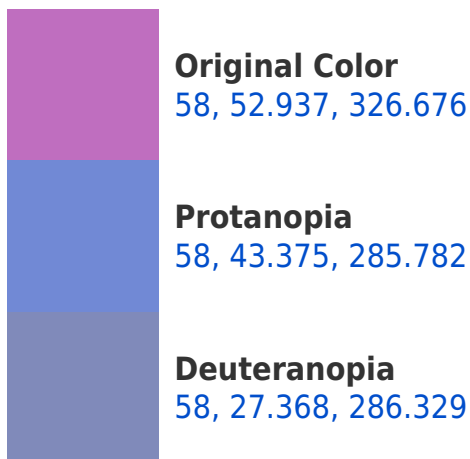


This preview shows how white text looks on a background with the CIELCh color 58, 52.937, 326.676.

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
58, 25.072, 10.758

Trichromacy



Original Color
58, 52.937, 326.676

Protanomaly
57, 44.802, 300.685

Deuteranomaly
58, 35.220, 306.753

Tritanomaly
58, 32.608, 346.318

Monochromacy



Original Color
58, 52.937, 326.676

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 19.833, 325.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 52.937, 326.676 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(191, 110, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 110, 191)  
}
```

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(191, 110, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 110, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 52.937, 326.676 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(191, 110, 191) }
```

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

```
.border{ border-color:rgb(191, 110, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 110, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 110, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 110, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 110,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 52.937, 326.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 110, 191) }
```

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

```
.background{ background-color: rgb(191,  
110, 191) }
```

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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