

Converting Colors

CIELCh(52, 56.298, 330.168)

Have a look what the booklet for
CIELCh(52, 56.298, 330.168)
contains.

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Color

CIELCh(52, 56.573, 330.097)

Conversions

Conversions Part 1

Format	Color
Hex	B659AD
RGB	182, 89, 173
RGB Percent	71%, 35%, 68%
CMY	0.2858, 0.6505, 0.3211
CMYK	0.00, 0.51, 0.05, 0.29
HSL	306°, 39%, 53%
HSV	306°, 51%, 71%
XYZ	30.4550, 20.1443, 41.8760
YIQ	126.3830, 28.4640, 45.8400

Conversions

Conversions Part 2

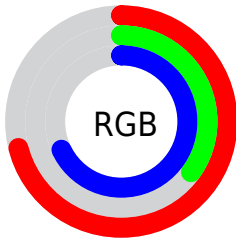
Format	Color
R _Y B	182, 89, 173
Decimal	11950509
CIE Lab	52.00, 49.04, -28.20
CIE LCh	52, 56.573, 330.097
Yxy	20.1443, 0.3293, 0.2178
Android (android.graphics.Color)	4290140589 (0xFFB659AD)
YUV	126.3830, 22.9822, 48.7761
Hunter-Lab	44.8824, 42.5770, -23.9008

Details

The CIELCh color $52, 56.573, 330.097$ is a dark color, and the websafe version is hex `CC66CC`. A complement of this color would be $67, 56.945, 142.851$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 56.991, 330.074$, and $32, 56.574, 330.338$ is the 20% darker color. If you saturate the color by 10%, you get $49, 65.678, 330.634$, and if you desaturate by 10%, it is $56, 46.313, 329.537$.

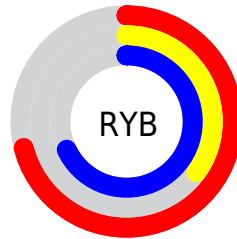
Distribution



Red (71%)

Green (35%)

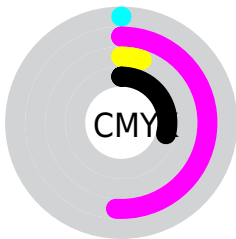
Blue (68%)



Red (71%)

Yellow (35%)

Blue (68%)

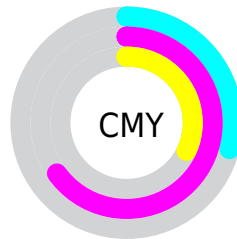


Cyan (0%)

Magenta (51%)

Yellow (5%)

Black (29%)



Cyan (29%)


Magenta (65%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 56.573, 330.097 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, 56.573, 330.097 by changing the saturation by 10% instead.


 52, 56.573,
330.097


 52, 56.573,
330.097


 100, 56.573,
330.097


 42, 56.573,
330.097


 72, 56.573,
330.097

 32, 56.573,
330.097

 82, 56.573,
330.097

 22, 56.573,
330.097

 92, 56.573,
330.097

 12, 56.573,
330.097

 2, 56.573, 330.097

 0, 56.573, 330.097

52, 56.573,
330.097

52, 56.573,
330.097

49, 65.678,
330.634

56, 46.313,
329.537

46, 73.166,
331.144

60, 35.337,
328.960

44, 78.629,
331.626

64, 23.999,
328.375

43, 81.844,
332.090

69, 12.562,
327.786


42, 83.197,
332.500

74, 1.210, 327.021

78, 9.940, 146.711

83, 20.817,
146.164

88, 31.384,
145.650

 93, 41.626,
145.163

Harmonies

Complementary

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



52, 56.573, 330.097



67, 56.945, 142.851

Rectangle

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



52, 56.573, 330.097



52, 56.573, 20.097



52, 56.573, 150.097



52, 56.573, 200.097

Sweetspot

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



52, 56.571, 330.097



85, 21.142, 328.034



43, 55.821, 299.685



44, 14.552, 328.157



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



52, 56.571, 330.097



63, 81.017, 330.685



50, 42.205, 354.510



36, 6.466, 327.683



36, 74.119, 332.443



3, 17.051, 328.774

Inverse Universe

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



52, 56.571, 330.097



63, 81.017, 330.685



68, 38.656, 162.890



36, 6.466, 327.683



36, 74.119, 332.443



3, 17.051, 328.774

Previews

White Background



This preview shows how the CIELCh color 52, 56.573, 330.097 looks on a white background.

Color Contrast Check

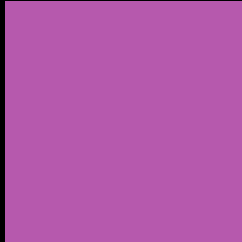
Large Text (above 18pt) WCAG AA ✓ Pass

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, 56.573, 330.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

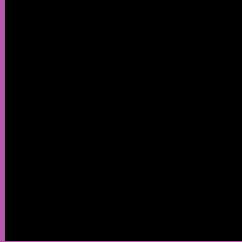
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 56.573, 330.097

Background



This preview shows how black text looks on a background with the CIELCh color 52, 56.573, 330.097.

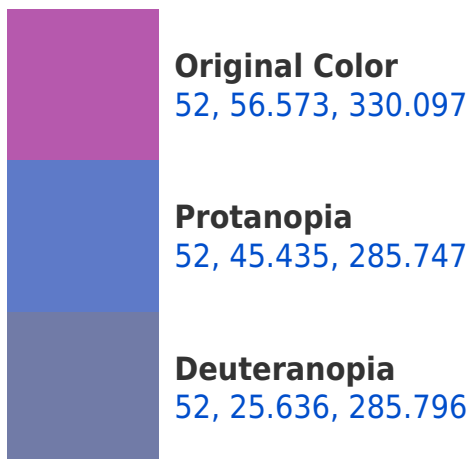


This preview shows how white text looks on a background with the CIELCh color 52, 56.573, 330.097.

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, 30.454, 15.927

Trichromacy



Original Color
52, 56.573, 330.097

Protanomaly
51, 46.975, 301.765

Deuteranomaly
51, 35.182, 309.603

Tritanomaly
52, 36.640, 351.677

Monochromacy



Original Color
52, 56.573, 330.097

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 21.589, 328.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 56.573, 330.097 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(182, 89, 173)` looks like.

```
.text, #text, p{  
    color:rgb(182, 89, 173)  
}
```

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(182, 89, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 89, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 56.573, 330.097 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(182, 89, 173) }
```

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

```
.border{ border-color:rgb(182, 89, 173) }
```

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

Here you see how a box with a 4 pixel rgb(182, 89, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 89, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 89, 173);  
box-shadow:4px 4px 4px 4px rgb(182, 89,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 56.573, 330.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 89, 173) }
```

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

```
.background{ background-color: rgb(182, 89,  
173) }
```

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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