

Converting Colors

CIELCh(49, 45.232, 345.854)

Have a look what the booklet for
CIELCh(49, 45.232, 345.854)
contains.

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Color

CIELCh(49, 44.861, 345.962)

Conversions

Conversions Part 1

Format	Color
Hex	B15588
RGB	177, 85, 136
RGB Percent	69%, 33%, 53%
CMY	0.3063, 0.6670, 0.4670
CMYK	0.00, 0.52, 0.23, 0.31
HSL	327°, 37%, 51%
HSV	327°, 52%, 69%
XYZ	25.7888, 17.5941, 25.2966
YIQ	118.3220, 38.4610, 35.3650

Conversions

Conversions Part 2

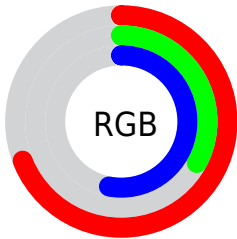
Format	Color
R_{YB}	177, 85, 136
Decimal	11621768
CIE _{Lab}	49.00, 43.52, -10.88
CIE _{LCh}	49, 44.861, 345.962
Yxy	17.5941, 0.3755, 0.2562
Android (android.graphics.Color)	4289811848 (0xFFB15588)
YUV	118.3220, 8.7153, 51.4606
Hunter-Lab	41.9453, 36.3411, -6.3953

Details

The CIELCh color $49, 44.861, 345.962$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $66, 43.222, 155.507$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 44.700, 346.325$, and $29, 45.068, 346.180$ is the 20% darker color. If you saturate the color by 10%, you get $46, 52.112, 347.442$, and if you desaturate by 10%, it is $53, 36.718, 344.706$.

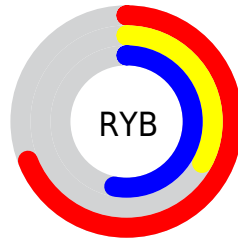
Distribution



Red (69%)

Green (33%)

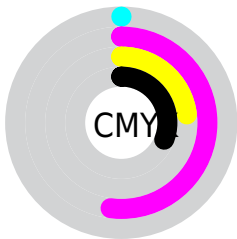
Blue (53%)



Red (69%)

Yellow (33%)

Blue (53%)

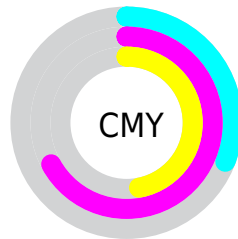


Cyan (0%)

Magenta (52%)

Yellow (23%)

Black (31%)



Cyan (31%)

Magenta (67%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 44.861, 345.962 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 49, 44.861, 345.962 by changing the saturation by 10% instead.

 49, 44.861,
345.962

 49, 44.861,
345.962

 100, 44.861,
345.962

 39, 44.861,
345.962

 69, 44.861,
345.962

 29, 44.861,
345.962

 79, 44.861,
345.962

 19, 44.861,
345.962

 89, 44.861,
345.962

 9, 44.861, 345.962

 99, 44.861,
345.962

 0, 44.861, 345.962

 49, 44.861,

 49, 44.861,

345.962

345.962

■ 46, 52.112,
347.442

■ 53, 36.718,
344.706

■ 43, 58.037,
349.230

■ 57, 28.079,
343.612

■ 40, 62.230,
351.443

■ 62, 19.240,
342.637

■ 39, 64.486,
354.220

■ 66, 10.408,
341.748


■ 38, 65.300,
356.811

■ 71, 1.718, 340.781

■ 76, 6.753, 160.307

■ 81, 14.967,
159.603

■ 86, 22.908,
158.968

 91, 30.577,
158.382

Harmonies

Complementary

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



49, 44.861, 345.962



66, 43.222, 155.507

Rectangle

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



49, 44.861, 345.962



49, 44.861, 35.962



49, 44.861, 165.962



49, 44.861, 215.962

Sweetspot

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



49, 44.858, 345.963



82, 17.219, 342.120



44, 56.026, 309.657



42, 11.632, 342.298



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



49, 44.858, 345.963



58, 64.162, 347.616



48, 40.603, 20.602



35, 4.936, 341.519



33, 58.773, 356.355



2, 10.960, 346.821

Inverse Universe

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



49, 44.858, 345.963



58, 64.162, 347.616



67, 29.282, 190.313



35, 4.936, 341.519



33, 58.773, 356.355



2, 10.960, 346.821

Previews

White Background



This preview shows how the CIELCh color 49, 44.861, 345.962 looks on a white background.

Color Contrast Check

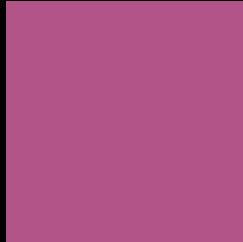
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 49, 44.861, 345.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

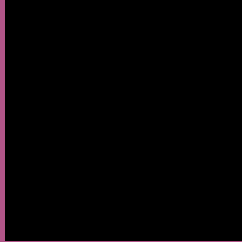
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 44.861, 345.962

Background



This preview shows how black text looks on a background with the CIELCh color 49, 44.861, 345.962.

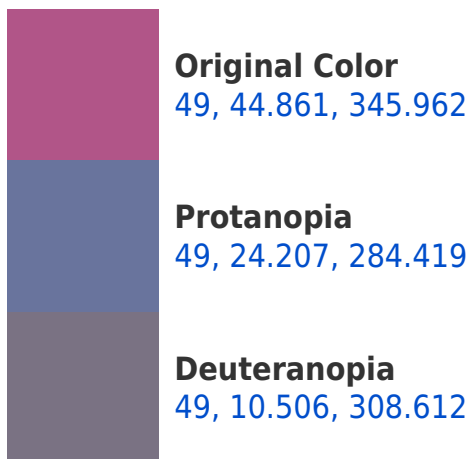


This preview shows how white text looks on a background with the CIELCh color 49, 44.861, 345.962.

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
49, 34.952, 18.751

Trichromacy



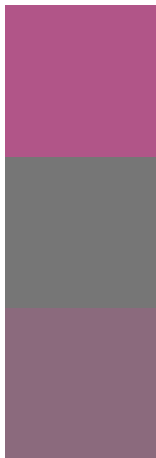
Original Color
49, 44.861, 345.962

Protanomaly
48, 27.721, 313.454

Deuteranomaly
48, 23.276, 333.383

Tritanomaly
49, 36.760, 5.025

Monochromacy



Original Color
49, 44.861, 345.962

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 17.308, 341.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 44.861, 345.962 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(177, 85, 136)` looks like.

```
.text, #text, p{  
    color:rgb(177, 85, 136)  
}
```

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(177, 85, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 85, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 44.861, 345.962 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(177, 85, 136) }
```

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

```
.border{ border-color:rgb(177, 85, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 85, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 85, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 85, 136);  
box-shadow:4px 4px 4px 4px rgb(177, 85,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 44.861, 345.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 85, 136) }
```

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

```
.background{ background-color: rgb(177, 85,  
136) }
```

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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