

Converting Colors

CIELCh(44, 51.024, 349.640)

Have a look what the booklet for
CIELCh(44, 51.024, 349.640)
contains.

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Color

CIELCh(44, 51.028, 349.579)

Conversions

Conversions Part 1

Format	Color
Hex	AD4079
RGB	173, 64, 121
RGB Percent	68%, 25%, 47%
CMY	0.3231, 0.7504, 0.5268
CMYK	0.00, 0.63, 0.30, 0.32
HSL	329°, 46%, 46%
HSV	329°, 63%, 68%
XYZ	22.3918, 13.8382, 19.4711
YIQ	103.0890, 46.6670, 40.8350

Conversions

Conversions Part 2

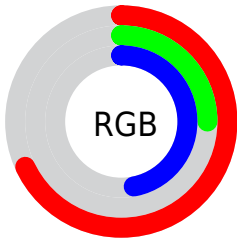
Format	Color
R_{YB}	173, 64, 121
Decimal	11354233
CIE Lab	44.00, 50.19, -9.23
CIE LCh	44, 51.028, 349.579
Yxy	13.8382, 0.4020, 0.2484
Android (android.graphics.Color)	4289544313 (0xFFAD4079)
YUV	103.0890, 8.8301, 61.3119
Hunter-Lab	37.1997, 42.3459, -4.9937

Details

The CIELCh color $44, 51.028, 349.579$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $63, 48.856, 155.348$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 50.744, 349.720$, and $24, 49.871, 350.323$ is the 20% darker color. If you saturate the color by 10%, you get $41, 56.666, 351.562$, and if you desaturate by 10%, it is $47, 44.083, 347.958$.

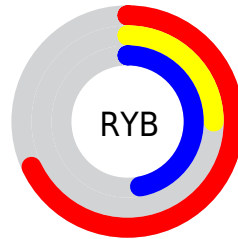
Distribution



Red (68%)

Green (25%)

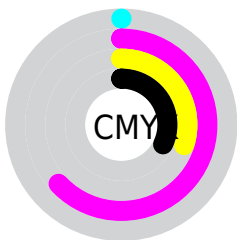
Blue (47%)



Red (68%)

Yellow (25%)

Blue (47%)

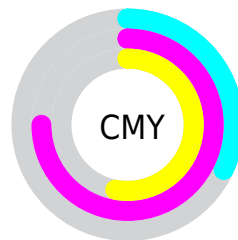


Cyan (0%)

Magenta (63%)

Yellow (30%)

Black (32%)



Cyan (32%)


Magenta (75%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 51.028, 349.579 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 44, 51.028, 349.579 by changing the saturation by 10% instead.


 44, 51.028,
349.579


 44, 51.028,
349.579


 100, 51.028,
349.579


 34, 51.028,
349.579

 64, 51.028,
349.579


 24, 51.028,
349.579

 74, 51.028,
349.579

 14, 51.028,
349.579

 84, 51.028,
349.579

 4, 51.028, 349.579

 94, 51.028,
349.579

 0, 51.028, 349.579

 44, 51.028,

 44, 51.028,

349.579

41, 56.666,
351.562

39, 60.634,
354.036

38, 62.765,
357.153

37, 63.579,
359.588

349.579

47, 44.083,
347.958

51, 36.267,
346.597

55, 27.957,
345.426

60, 19.448,
344.394

64, 10.946,
343.463

69, 2.583, 342.528

74, 5.563, 161.973

79, 13.456,
161.239

■ 84, 21.079,
160.586

Harmonies

Complementary

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



44, 51.028, 349.579



63, 48.856, 155.348

Rectangle

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



44, 51.028, 349.579



44, 51.028, 39.579



44, 51.028, 169.579



44, 51.028, 219.579

Sweetspot

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



44, 51.025, 349.580



78, 19.718, 344.031



38, 66.770, 311.229



40, 13.582, 344.294



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



44, 51.025, 349.580



52, 71.228, 352.535



43, 49.809, 25.826



34, 4.717, 343.123



32, 57.536, 359.104



2, 9.262, 347.552

Inverse Universe

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



44, 51.025, 349.580



52, 71.228, 352.535



65, 32.166, 193.126



34, 4.717, 343.123



32, 57.536, 359.104



2, 9.262, 347.552

Previews

White Background



This preview shows how the CIELCh color 44, 51.028, 349.579 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 44, 51.028, 349.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

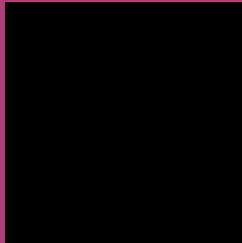
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 51.028, 349.579

Background



This preview shows how black text looks on a background with the CIELCh color 44, 51.028, 349.579.

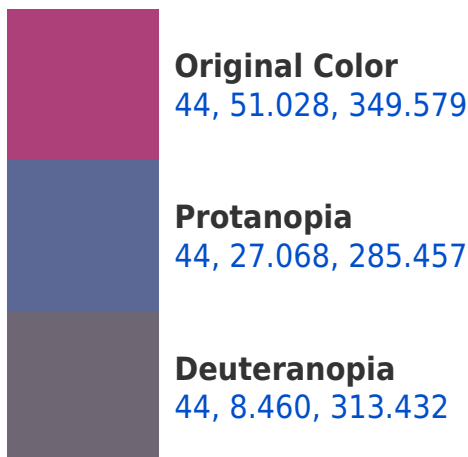


This preview shows how white text looks on a background with the CIELCh color 44, 51.028, 349.579.

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
44, 42.932, 23.343

Trichromacy



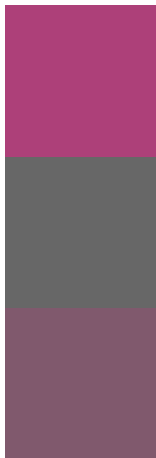
Original Color
44, 51.028, 349.579

Protanomaly
43, 31.788, 315.714

Deuteranomaly
43, 24.931, 339.185

Tritanomaly
44, 43.827, 9.078

Monochromacy



Original Color
44, 51.028, 349.579

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 19.995, 345.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 51.028, 349.579 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(173, 64, 121)` looks like.

```
.text, #text, p{  
    color:rgb(173, 64, 121)  
}
```

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(173, 64, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 64, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 51.028, 349.579 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(173, 64, 121) }
```

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

```
.border{ border-color:rgb(173, 64, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 64, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 64, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 64, 121);  
box-shadow:4px 4px 4px 4px rgb(173, 64,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 51.028, 349.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 64, 121) }
```

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

```
.background{ background-color: rgb(173, 64,  
121) }
```

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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