

Converting Colors

CIELCh(45, 61.375, 334.096)

Have a look what the booklet for
CIELCh(45, 61.375, 334.096)
contains.

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Color

CIELCh(45, 61.394, 334.071)

Conversions

Conversions Part 1

Format	Color
Hex	AC3E98
RGB	172, 62, 152
RGB Percent	67%, 24%, 60%
CMY	0.3246, 0.7559, 0.4031
CMYK	0.00, 0.64, 0.12, 0.32
HSL	311°, 47%, 46%
HSV	311°, 64%, 68%
XYZ	24.4852, 14.5417, 31.3158
YIQ	105.1500, 36.6700, 51.3100

Conversions

Conversions Part 2

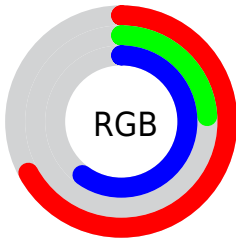
Format	Color
R_{YB}	172, 62, 152
Decimal	11288216
CIE _{Lab}	45.00, 55.21, -26.84
CIE _{LCh}	45, 61.394, 334.071
Yxy	14.5417, 0.3481, 0.2067
Android (android.graphics.Color)	4289478296 (0xFFAC3E98)
YUV	105.1500, 23.0970, 58.6274
Hunter-Lab	38.1336, 47.8792, -21.9962

Details

The CIELCh color **45, 61.394, 334.071** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **63, 62.495, 143.721**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 61.402, 333.958**, and **26, 58.612, 333.882** is the 20% darker color. If you saturate the color by 10%, you get **43, 67.673, 334.805**, and if you desaturate by 10%, it is **48, 53.505, 333.369**.

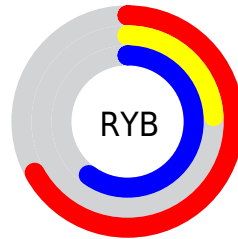
Distribution



Red (67%)

Green (24%)

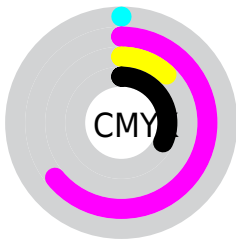
Blue (60%)



Red (67%)

Yellow (24%)

Blue (60%)

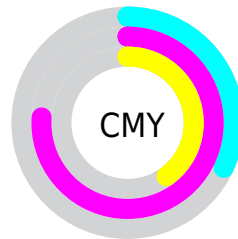


Cyan (0%)

Magenta (64%)

Yellow (12%)

Black (32%)



Cyan (32%)


Magenta (76%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 61.394, 334.071 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 45, 61.394, 334.071 by changing the saturation by 10% instead.


 45, 61.394,
334.071


 45, 61.394,
334.071


 100, 61.394,
334.071


 35, 61.394,
334.071

 65, 61.394,
334.071


 25, 61.394,
334.071

 75, 61.394,
334.071

 15, 61.394,
334.071

 85, 61.394,
334.071

 5, 61.394, 334.071

 95, 61.394,
334.071

 0, 61.394, 334.071

 45, 61.394,

 45, 61.394,

334.071

43, 67.673,
334.805

41, 71.976,
335.591

40, 74.136,
336.459

39, 74.798,
337.024

334.071

48, 53.505,
333.369

52, 44.458,
332.687

55, 34.672,
332.020

60, 24.496,
331.368

64, 14.189,
330.729

69, 3.932, 330.069

73, 6.158, 149.595

78, 16.011,
149.006

■ 83, 25.590,
148.464

Harmonies

Complementary

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



45, 61.394, 334.071



63, 62.495, 143.721

Rectangle

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



45, 61.394, 334.071



45, 61.394, 24.071



45, 61.394, 154.071



45, 61.394, 204.071

Sweetspot

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



45, 61.392, 334.071



79, 24.165, 331.078



34, 67.816, 303.627



40, 16.620, 331.255



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



45, 61.392, 334.071



54, 85.133, 335.151



43, 48.206, 3.251



34, 5.810, 330.439



34, 67.814, 336.910



2, 11.623, 332.335

Inverse Universe

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



45, 61.392, 334.071



54, 85.133, 335.151



64, 41.272, 166.309



34, 5.810, 330.439



34, 67.814, 336.910



2, 11.623, 332.335

Previews

White Background



This preview shows how the CIELCh color 45, 61.394, 334.071 looks on a white background.

Color Contrast Check

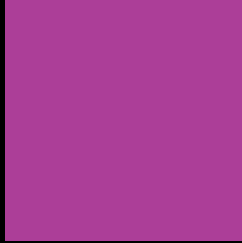
Large Text (above 18pt) WCAG AA ✓ Pass

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 45, 61.394, 334.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

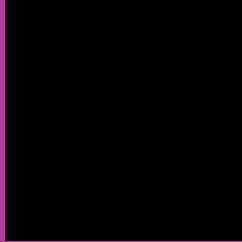
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 61.394, 334.071

Background



This preview shows how black text looks on a background with the CIELCh color 45, 61.394, 334.071.

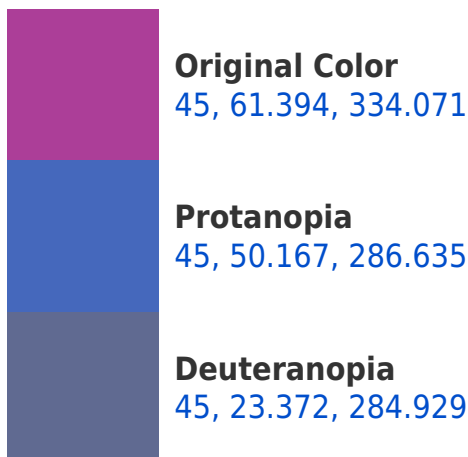


This preview shows how white text looks on a background with the CIELCh color 45, 61.394, 334.071.

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
45, 37.518, 20.829

Trichromacy



Original Color
45, 61.394, 334.071

Protanomaly
43, 51.870, 302.827

Deuteranomaly
44, 36.815, 313.745

Tritanomaly
45, 42.508, 357.718

Monochromacy



Original Color
45, 61.394, 334.071

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 25.231, 331.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 61.394, 334.071 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(172, 62, 152)` looks like.

```
.text, #text, p{  
    color:rgb(172, 62, 152)  
}
```

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(172, 62, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 62, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 61.394, 334.071 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(172, 62, 152) }
```

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

```
.border{ border-color:rgb(172, 62, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 62, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 62, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 62, 152);  
box-shadow:4px 4px 4px 4px rgb(172, 62,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 61.394, 334.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 62, 152) }
```

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

```
.background{ background-color: rgb(172, 62,  
152) }
```

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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