

Converting Colors

CIELCh(44, 73.909, 327.769)

Have a look what the booklet for
CIELCh(44, 73.909, 327.769)
contains.

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Color

CIELCh(44, 74.124, 327.764)

Conversions

Conversions Part 1

Format	Color
Hex	AB32AB
RGB	171, 50, 171
RGB Percent	67%, 20%, 67%
CMY	0.3301, 0.8046, 0.3300
CMYK	0.00, 0.71, 0.00, 0.33
HSL	300°, 55%, 43%
HSV	300°, 71%, 67%
XYZ	25.2254, 13.8382, 39.7884
YIQ	99.9730, 33.2750, 63.2830

Conversions

Conversions Part 2

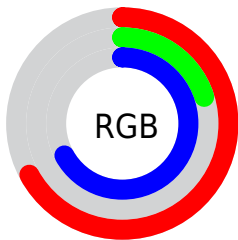
Format	Color
R_{YB}	171, 50, 171
Decimal	11219627
CIE _{Lab}	44.00, 62.70, -39.54
CIE _{LCh}	44, 74.124, 327.764
Yxy	13.8382, 0.3199, 0.1755
Android (android.graphics.Color)	4289409707 (0xFFAB32AB)
YUV	99.9730, 35.0163, 62.2907
Hunter-Lab	37.1997, 55.9425, -37.3760

Details

The CIELCh color **44, 74.124, 327.764** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **62, 75.444, 138.122**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 73.924, 327.660**, and **27, 65.464, 327.269** is the 20% darker color. If you saturate the color by 10%, you get **42, 79.944, 328.003**, and if you desaturate by 10%, it is **46, 66.379, 327.440**.

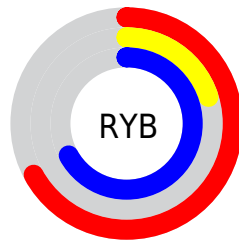
Distribution



Red (67%)

Green (20%)

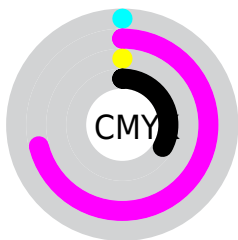
Blue (67%)



Red (67%)

Yellow (20%)

Blue (67%)

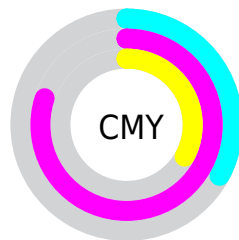


Cyan (0%)

Magenta (71%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (80%)

Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 74.124, 327.764 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, 74.124, 327.764 by changing the saturation by 10% instead.


 44, 74.124,
327.764


 44, 74.124,
327.764


 100, 74.124,
327.764

 34, 74.124,
327.764

 64, 74.124,
327.764

 24, 74.124,
327.764

 74, 74.124,
327.764

 14, 74.124,
327.764

 84, 74.124,
327.764

 4, 74.124, 327.764

 94, 74.124,
327.764

 0, 74.124, 327.764

 44, 74.124,

 44, 74.124,

327.764

■ 42, 79.944,
328.003

■ 41, 83.653,
328.153

■ 41, 85.601,
328.230

327.764

■ 46, 66.379,
327.440

■ 49, 57.084,
327.041

■ 53, 46.671,
326.583

■ 57, 35.551,
326.082

■ 61, 24.065,
325.553

■ 65, 12.475,
325.006

■ 70, 0.965, 324.248

■ 74, 10.345,
143.979

■ 79, 21.378,
143.454

Harmonies

Complementary

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



44, 74.124, 327.764



62, 75.444, 138.122

Rectangle

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



44, 74.124, 327.764



44, 74.124, 17.764



44, 74.124, 147.764



44, 74.124, 197.764

Sweetspot

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



44, 74.122, 327.764



77, 29.997, 325.582



30, 74.474, 301.291



40, 20.467, 325.725



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, 74.122, 327.764



54, 100.025, 328.098



41, 54.895, 351.509



33, 6.429, 324.919



35, 76.993, 328.230



2, 11.673, 324.437

Inverse Universe

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



40, 56.859, 30.410



48, 84.348, 35.839



62, 52.874, 154.380



33, 3.724, 19.902



30, 69.025, 39.357



1, 6.572, 19.401

Previews

White Background



This preview shows how the CIELCh color 44, 74.124, 327.764 looks on a white background.

Color Contrast Check

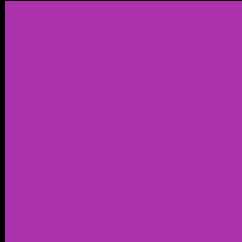
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.124, 327.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

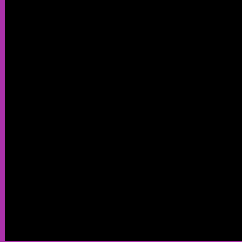
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 74.124, 327.764

Background



This preview shows how black text looks on a background with the CIELCh color 44, 74.124, 327.764.

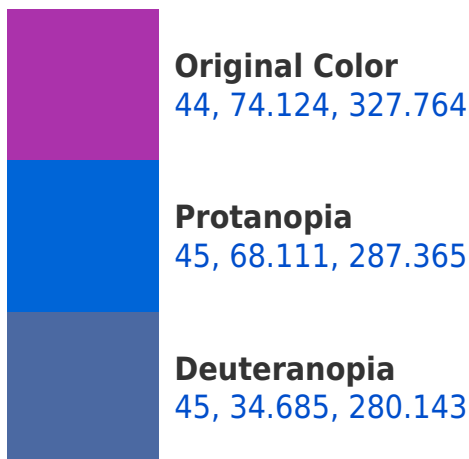


This preview shows how white text looks on a background with the CIELCh color 44, 74.124, 327.764.

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, 36.667, 19.801

Trichromacy



Original Color
44, 74.124, 327.764



Protanomaly
40, 70.559, 296.225



Deuteranomaly
42, 48.888, 305.755



Tritanomaly
43, 45.788, 350.615

Monochromacy



Original Color
44, 74.124, 327.764



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 31.328, 326.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 74.124, 327.764 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(171, 50, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 50, 171)  
}
```

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(171, 50, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 50, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 74.124, 327.764 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(171, 50, 171) }
```

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

```
.border{ border-color:rgb(171, 50, 171) }
```

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

Here you see how a box with a 4 pixel rgb(171, 50, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 50, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 50, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 50,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 74.124, 327.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 50, 171) }
```

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

```
.background{ background-color: rgb(171, 50,  
171) }
```

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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