

Converting Colors

CIELCh(44, 74.065, 327.578)

Have a look what the booklet for
CIELCh(44, 74.065, 327.578)
contains.

CIELCh(44, 74.077, 327.496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 74.077, 327.496)

Conversions

Conversions Part 1

Format	Color
Hex	AA32AB
RGB	170, 50, 171
RGB Percent	67%, 20%, 67%
CMY	0.3322, 0.8026, 0.3283
CMYK	0.01, 0.71, 0.00, 0.33
HSL	300°, 55%, 43%
HSV	300°, 71%, 67%
XYZ	25.1724, 13.8382, 40.0122
YIQ	99.6740, 32.6790, 63.0710

Conversions

Conversions Part 2

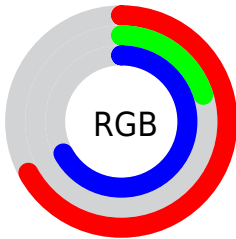
Format	Color
R_{YB}	170, 50, 171
Decimal	11154091
CIE _{Lab}	44.00, 62.47, -39.81
CIE _{LCh}	44, 74.077, 327.496
Yxy	13.8382, 0.3185, 0.1751
Android (android.graphics.Color)	4289344171 (0xFFAA32AB)
YUV	99.6740, 35.1637, 61.6759
Hunter-Lab	37.1997, 55.6881, -37.7327

Details

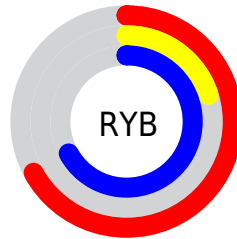
The CIELCh color **44, 74.077, 327.496** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **62, 75.316, 138.034**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 74.347, 327.423**, and **26, 65.493, 326.949** is the 20% darker color. If you saturate the color by 10%, you get **42, 79.981, 327.722**, and if you desaturate by 10%, it is **46, 66.255, 327.181**.

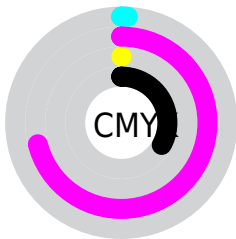
Distribution



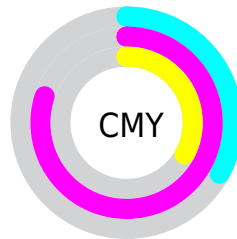
- Red (67%)
- Green (20%)
- Blue (67%)



- Red (67%)
- Yellow (20%)
- Blue (67%)



- Cyan (1%)
- Magenta (71%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 74.077, 327.496 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, 74.077, 327.496 by changing the saturation by 10% instead.

 44, 74.077,
327.496

 44, 74.077,
327.496

 100, 74.077,
327.496

 34, 74.077,
327.496

 64, 74.077,
327.496

 24, 74.077,
327.496

 74, 74.077,
327.496

 14, 74.077,
327.496

 84, 74.077,
327.496

 4, 74.077, 327.496

 94, 74.077,
327.496

 0, 74.077, 327.496

 44, 74.077,

 44, 74.077,

327.496

327.496

■ 42, 79.981,
327.722

■ 46, 66.255,
327.181

■ 41, 83.768,
327.854

■ 49, 56.899,
326.789

■ 40, 85.793,
327.912

■ 53, 46.443,
326.336

■ 57, 35.299,
325.840

■ 61, 23.804,
325.316

■ 65, 12.215,
324.774

■ 70, 0.713, 323.939

■ 74, 10.585,
143.757

■ 79, 21.606,
143.239

Harmonies

Complementary

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



44, 74.077, 327.496



62, 75.316, 138.034

Rectangle

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



44, 74.077, 327.496



44, 74.077, 17.496



44, 74.077, 147.496



44, 74.077, 197.496

Sweetspot

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



44, 74.075, 327.496



77, 29.927, 325.356



30, 74.386, 301.245



40, 20.420, 325.498



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, 74.075, 327.496



54, 100.024, 327.811



42, 54.892, 351.465



34, 6.574, 324.701



35, 77.987, 327.915



2, 13.803, 324.117

Inverse Universe

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



40, 56.545, 29.815



48, 83.943, 35.415



63, 52.854, 154.416



34, 3.817, 19.248



31, 69.682, 39.123



2, 7.803, 18.850

Previews

White Background



This preview shows how the CIELCh color 44, 74.077, 327.496 looks on a white background.

Color Contrast Check

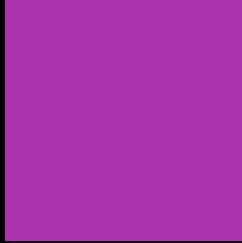
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 44, 74.077, 327.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

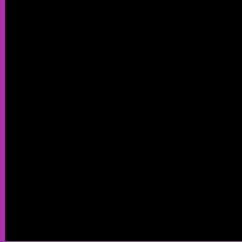
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 74.077, 327.496

Background



This preview shows how black text looks on a background with the CIELCh color 44, 74.077, 327.496.

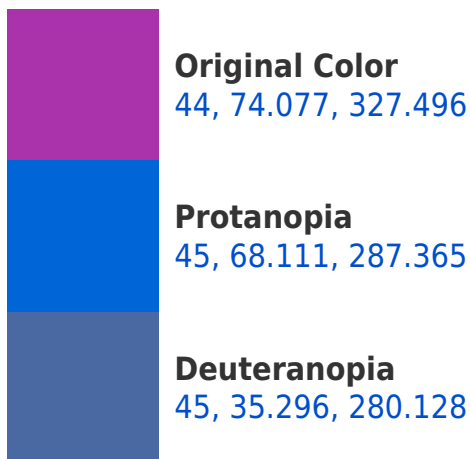


This preview shows how white text looks on a background with the CIELCh color 44, 74.077, 327.496.

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, 35.828, 20.388

Trichromacy



Original Color
44, 74.077, 327.496

Protanomaly
40, 69.911, 295.905

Deuteranomaly
42, 49.430, 305.302

Tritanomaly
43, 44.991, 350.469

Monochromacy



Original Color
44, 74.077, 327.496

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, 74.077, 327.496 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(170, 50, 171)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 50, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 50, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 74.077, 327.496 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(170, 50, 171) }
```

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

```
.border{ border-color:rgb(170, 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(170, 50, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 50, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 50, 171);  
box-shadow:4px 4px 4px 4px rgb(170, 50,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 74.077, 327.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 50, 171) }
```

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

```
.background{ background-color: rgb(170, 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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