

Converting Colors

CIELCh(44, 72.541, 326.897)

Have a look what the booklet for
CIELCh(44, 72.541, 326.897)
contains.

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Color

CIELCh(44, 72.736, 326.897)

Conversions

Conversions Part 1

Format	Color
Hex	A835AB
RGB	168, 53, 171
RGB Percent	66%, 21%, 67%
CMY	0.3407, 0.7917, 0.3290
CMYK	0.02, 0.69, 0.00, 0.33
HSL	298°, 53%, 44%
HSV	298°, 69%, 67%
XYZ	24.8112, 13.8382, 39.9440
YIQ	100.8370, 30.6620, 61.0780

Conversions

Conversions Part 2

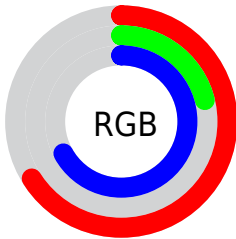
Format	Color
RYB	168, 53, 171
Decimal	11023787
CIELab	44.00, 60.93, -39.72
CIELCh	44, 72.736, 326.897
Yxy	13.8382, 0.3157, 0.1761
Android (android.graphics.Color)	4289213867 (0xFFA835AB)
YUV	100.8370, 34.5904, 58.9020
Hunter-Lab	37.1997, 53.9553, -37.6240

Details

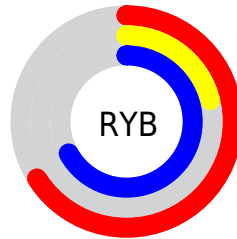
The CIELCh color $44, 72.736, 326.897$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $62, 73.708, 137.960$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 72.527, 326.857$, and $26, 65.559, 326.314$ is the 20% darker color. If you saturate the color by 10%, you get $42, 79.038, 327.110$, and if you desaturate by 10%, it is $47, 64.585, 326.589$.

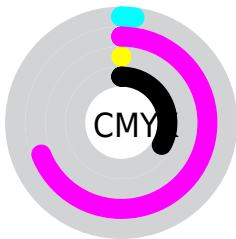
Distribution



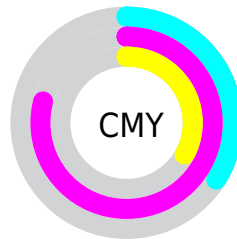
- Red (66%)
- Green (21%)
- Blue (67%)



- Red (66%)
- Yellow (21%)
- Blue (67%)



- Cyan (2%)
- Magenta (69%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (79%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 72.736, 326.897 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, 72.736, 326.897 by changing the saturation by 10% instead.

 44, 72.736,
326.897

 44, 72.736,
326.897

 100, 72.736,
326.897

 34, 72.736,
326.897

 64, 72.736,
326.897

 24, 72.736,
326.897

 74, 72.736,
326.897

 14, 72.736,
326.897

 84, 72.736,
326.897

 4, 72.736, 326.897

 94, 72.736,
326.897

 0, 72.736, 326.897

 44, 72.736,

 44, 72.736,

326.897

42, 79.038,
327.110

41, 83.239,
327.219

40, 85.579,
327.237

40, 85.798,
327.238

326.897

47, 64.585,
326.589

50, 54.998,
326.201

53, 44.410,
325.753

57, 33.220,
325.262

62, 21.747,
324.746

66, 10.227,
324.211

71, 1.177, 143.904

75, 12.360,
143.222

■ 80, 23.259,
142.722

Harmonies

Complementary

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



44, 72.736, 326.897



62, 73.708, 137.960

Rectangle

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



44, 72.736, 326.897



44, 72.736, 16.897



44, 72.736, 146.897



44, 72.736, 196.897

Sweetspot

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



44, 72.734, 326.897



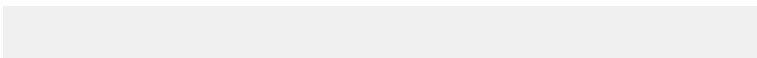
77, 29.778, 324.872



31, 71.197, 300.335



39, 20.321, 325.011



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, 72.734, 326.897



53, 99.074, 327.184



42, 54.371, 349.998



34, 6.539, 324.231



35, 78.049, 327.248



2, 13.691, 323.439

Inverse Universe

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



40, 54.595, 28.130



48, 81.308, 33.701



63, 52.620, 153.892



34, 3.817, 17.854



31, 69.056, 38.431



2, 7.808, 17.682

Previews

White Background



This preview shows how the CIELCh color 44, 72.736, 326.897 looks on a white background.

Color Contrast Check

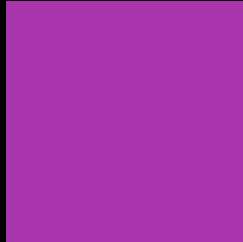
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.736, 326.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

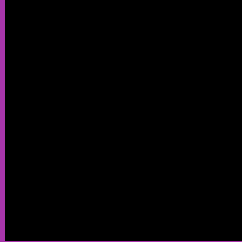
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 72.736, 326.897

Background



This preview shows how black text looks on a background with the CIELCh color 44, 72.736, 326.897.

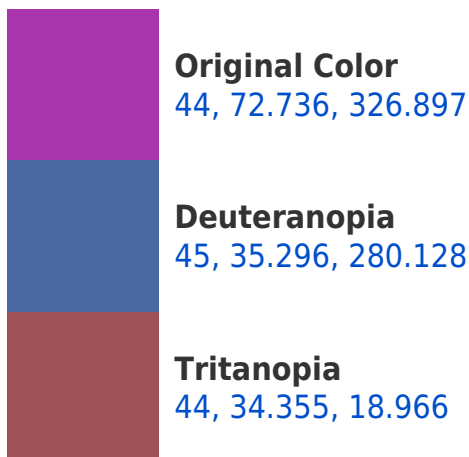


This preview shows how white text looks on a background with the CIELCh color 44, 72.736, 326.897.

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



Trichromacy



Original Color
44, 72.736, 326.897

Deuteranomaly
42, 48.740, 304.615

Tritanomaly
44, 43.845, 348.796

Monochromacy



Original Color
44, 72.736, 326.897

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 29.751, 325.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 72.736, 326.897 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(168, 53, 171)` looks like.

```
.text, #text, p{  
    color:rgb(168, 53, 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(168, 53, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 53, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 72.736, 326.897 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(168, 53, 171) }
```

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

```
.border{ border-color:rgb(168, 53, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 53, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 53, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 53, 171);  
box-shadow:4px 4px 4px 4px rgb(168, 53,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 72.736, 326.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 53, 171) }
```

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

```
.background{ background-color: rgb(168, 53,  
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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