

Converting Colors

CIELCh(44, 67.493, 339.269)

Have a look what the booklet for
CIELCh(44, 67.493, 339.269)
contains.

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Color

CIELCh(44, 67.379, 339.261)

Conversions

Conversions Part 1

Format	Color
Hex	B62D91
RGB	182, 45, 145
RGB Percent	71%, 18%, 57%
CMY	0.2867, 0.8240, 0.4318
CMYK	0.00, 0.75, 0.20, 0.29
HSL	316°, 60%, 44%
HSV	316°, 75%, 71%
XYZ	25.2996, 13.8382, 28.0826
YIQ	97.3630, 49.5520, 60.1440

Conversions

Conversions Part 2

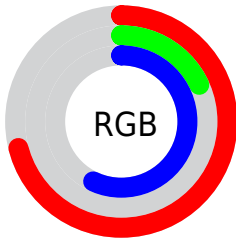
Format	Color
R_{YB}	182, 45, 145
Decimal	11939217
CIE _{Lab}	44.00, 63.01, -23.86
CIE _{LCh}	44, 67.379, 339.261
Yxy	13.8382, 0.3764, 0.2059
Android (android.graphics.Color)	4290129297 (0xFFB62D91)
YUV	97.3630, 23.4850, 74.2266
Hunter-Lab	37.1997, 56.2985, -18.7190

Details

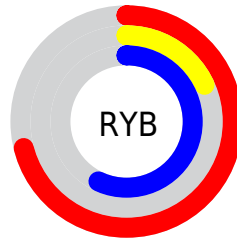
The CIELCh color $44, 67.379, 339.261$ is a dark color, and the websafe version is hex $CC3399$. A complement of this color would be $65, 69.879, 144.714$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 67.549, 339.225$, and $27, 56.691, 340.687$ is the 20% darker color. If you saturate the color by 10%, you get $42, 71.154, 340.499$, and if you desaturate by 10%, it is $47, 61.517, 338.193$.

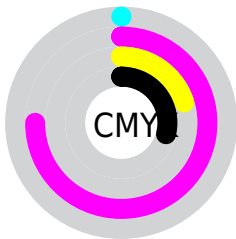
Distribution



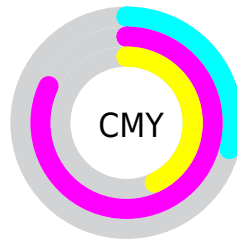
- Red (71%)
- Green (18%)
- Blue (57%)



- Red (71%)
- Yellow (18%)
- Blue (57%)



- Cyan (0%)
- Magenta (75%)
- Yellow (20%)
- Black (29%)




- Cyan (29%)
- Magenta (82%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 67.379, 339.261 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, 67.379, 339.261 by changing the saturation by 10% instead.


 44, 67.379,
339.261


 44, 67.379,
339.261


 100, 67.379,
339.261


 34, 67.379,
339.261

 64, 67.379,
339.261


 24, 67.379,
339.261

 74, 67.379,
339.261

 14, 67.379,
339.261

 84, 67.379,
339.261

 4, 67.379, 339.261

 94, 67.379,
339.261

 0, 67.379, 339.261

 44, 67.379,

 44, 67.379,

339.261

■ 42, 71.154,
340.499

■ 41, 72.727,
341.969

■ 41, 73.065,
342.707

339.261

■ 47, 61.517,
338.193

■ 50, 53.954,
337.244

■ 53, 45.155,
336.378

■ 58, 35.570,
335.575

■ 62, 25.568,
334.819

■ 67, 15.423,
334.100

■ 71, 5.326, 333.389

■ 76, 4.604, 152.875

■ 81, 14.294,
152.227

Harmonies

Complementary

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



44, 67.379, 339.261



65, 69.879, 144.714

Rectangle

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



44, 67.379, 339.261



44, 67.379, 29.261



44, 67.379, 159.261



44, 67.379, 209.261

Sweetspot

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



44, 67.376, 339.261



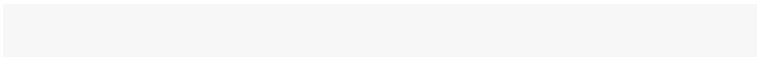
80, 28.796, 334.677



32, 83.171, 307.049



41, 20.098, 334.942



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 67.376, 339.261



54, 88.298, 341.379



42, 57.895, 14.977



36, 5.721, 333.680



34, 65.240, 342.483



3, 14.432, 337.658

Inverse Universe

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



44, 67.376, 339.261



54, 88.298, 341.379



67, 43.812, 172.066



36, 5.721, 333.680



34, 65.240, 342.483



3, 14.432, 337.658

Previews

White Background



This preview shows how the CIELCh color 44, 67.379, 339.261 looks on a white background.

Color Contrast Check

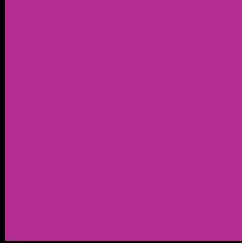
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.379, 339.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

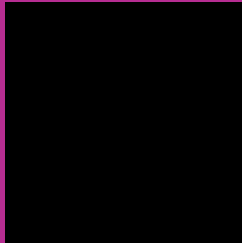
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 67.379, 339.261

Background



This preview shows how black text looks on a background with the CIELCh color 44, 67.379, 339.261.

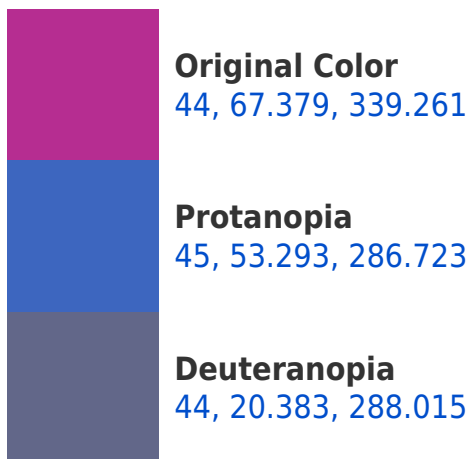


This preview shows how white text looks on a background with the CIELCh color 44, 67.379, 339.261.

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, 48.484, 24.912

Trichromacy



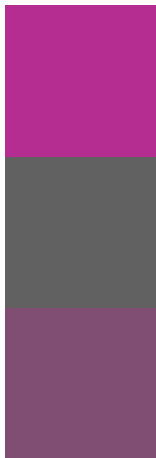
Original Color
44, 67.379, 339.261

Protanomaly
41, 56.538, 304.677

Deuteranomaly
42, 38.660, 320.882

Tritanomaly
44, 51.075, 4.174

Monochromacy



Original Color
44, 67.379, 339.261

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 29.262, 336.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 67.379, 339.261 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(182, 45, 145)` looks like.

```
.text, #text, p{  
    color:rgb(182, 45, 145)  
}
```

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(182, 45, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 45, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 67.379, 339.261 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(182, 45, 145) }
```

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

```
.border{ border-color:rgb(182, 45, 145) }
```

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

Here you see how a box with a 4 pixel rgb(182, 45, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 45, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 45, 145);  
box-shadow:4px 4px 4px 4px rgb(182, 45,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 67.379, 339.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 45, 145) }
```

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

```
.background{ background-color: rgb(182, 45,  
145) }
```

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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