

Converting Colors

CIELCh(44, 72.213, 316.253)

Have a look what the booklet for
CIELCh(44, 72.213, 316.253)
contains.

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Color

CIELCh(44, 71.932, 316.293)

Conversions

Conversions Part 1

Format	Color
Hex	9145BC
RGB	145, 69, 188
RGB Percent	57%, 27%, 74%
CMY	0.4324, 0.7304, 0.2638
CMYK	0.23, 0.63, 0.00, 0.26
HSL	278°, 47%, 50%
HSV	278°, 63%, 74%
XYZ	22.7883, 13.8382, 48.8913
YIQ	105.2900, 7.0970, 53.1210

Conversions

Conversions Part 2

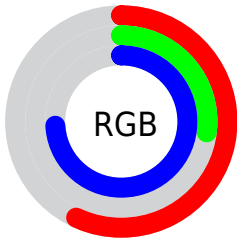
Format	Color
R_{YB}	145, 69, 188
Decimal	9520572
CIE _{Lab}	44.00, 52.00, -49.70
CIE _{LCh}	44, 71.932, 316.293
Yxy	13.8382, 0.2665, 0.1618
Android (android.graphics.Color)	4287710652 (0xFF9145BC)
YUV	105.2900, 40.7760, 34.8257
Hunter-Lab	37.1997, 44.2485, -51.8844

Details

The CIELCh color **44, 71.932, 316.293** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **69, 67.914, 130.850**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 71.734, 316.292**, and **24, 71.927, 316.207** is the 20% darker color. If you saturate the color by 10%, you get **40, 81.340, 316.419**, and if you desaturate by 10%, it is **48, 61.280, 316.008**.

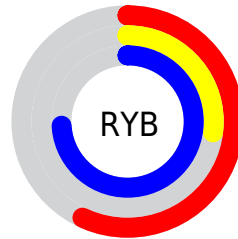
Distribution



Red (57%)

Green (27%)

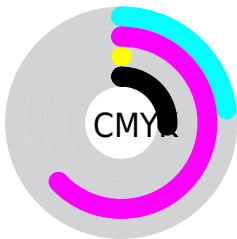
Blue (74%)



Red (57%)

Yellow (27%)

Blue (74%)

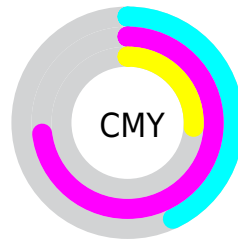


Cyan (23%)

Magenta (63%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (73%)

Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 71.932, 316.293 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, 71.932, 316.293 by changing the saturation by 10% instead.


 44, 71.932,
316.293


 44, 71.932,
316.293


 100, 71.932,
316.293


 34, 71.932,
316.293

 64, 71.932,
316.293


 24, 71.932,
316.293

 74, 71.932,
316.293

 14, 71.932,
316.293

 84, 71.932,
316.293

 4, 71.932, 316.293

 94, 71.932,
316.293

 0, 71.932, 316.293

 44, 71.932,

 44, 71.932,

316.293

40, 81.340,
316.419

37, 88.867,
316.309

34, 93.944,
315.888

33, 96.269,
315.489

316.293

48, 61.280,
316.008

53, 49.934,
315.627

58, 38.290,
315.196

64, 26.615,
314.749

69, 15.076,
314.306

74, 3.769, 313.855

80, 7.254, 133.525

85, 17.967,
133.152

■ 91, 28.366,
132.821

Harmonies

Complementary

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



44, 71.932, 316.293



69, 67.914, 130.850

Rectangle

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



44, 71.932, 316.293



44, 71.932, 6.293



44, 71.932, 136.293



44, 71.932, 186.293

Sweetspot

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



44, 71.931, 316.293



84, 26.728, 314.568



48, 45.099, 281.476



43, 18.440, 314.695



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



44, 71.931, 316.293



51, 103.152, 316.409



49, 67.543, 332.120



37, 6.383, 314.129



27, 84.704, 315.624



2, 18.604, 310.091

Inverse Universe

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



47, 51.608, 1.102



56, 73.198, 5.270



68, 68.821, 142.299



37, 4.567, 352.655



33, 59.752, 14.673



3, 13.098, 359.447

Previews

White Background



This preview shows how the CIELCh color 44, 71.932, 316.293 looks on a white background.

Color Contrast Check

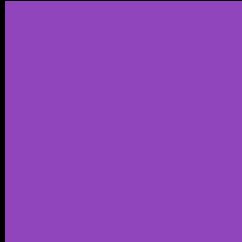
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.932, 316.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

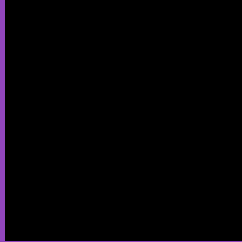
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 71.932, 316.293

Background



This preview shows how black text looks on a background with the CIELCh color 44, 71.932, 316.293.

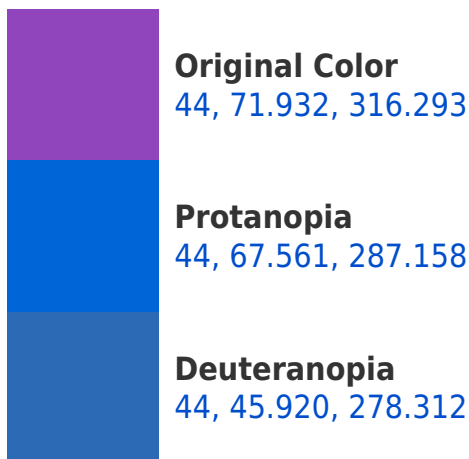


This preview shows how white text looks on a background with the CIELCh color 44, 71.932, 316.293.

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, 16.438, 4.980

Trichromacy



Original Color
44, 71.932, 316.293

Protanomaly
42, 69.016, 293.329

Deuteranomaly
42, 54.597, 294.456

Tritanomaly
43, 34.352, 328.093

Monochromacy



Original Color
44, 71.932, 316.293

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 27.817, 314.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 71.932, 316.293 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(145, 69, 188)` looks like.

```
.text, #text, p{  
    color:rgb(145, 69, 188)  
}
```

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(145, 69, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 69, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 71.932, 316.293 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(145, 69, 188) }
```

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

```
.border{ border-color:rgb(145, 69, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 69, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 69, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 69, 188);  
box-shadow:4px 4px 4px 4px rgb(145, 69,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 71.932, 316.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 69, 188) }
```

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

```
.background{ background-color: rgb(145, 69,  
188) }
```

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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