

Converting Colors

CIELCh(44, 69.415, 313.559)

Have a look what the booklet for
CIELCh(44, 69.415, 313.559)
contains.

CIELCh(44, 69.463, 313.507)	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, 69.463, 313.507)

Conversions

Conversions Part 1

Format	Color
Hex	894ABD
RGB	137, 74, 189
RGB Percent	54%, 29%, 74%
CMY	0.4636, 0.7105, 0.2596
CMYK	0.28, 0.61, 0.00, 0.26
HSL	273°, 46%, 51%
HSV	273°, 61%, 74%
XYZ	21.8813, 13.8382, 49.5434
YIQ	105.9470, 0.6330, 49.1210

Conversions

Conversions Part 2

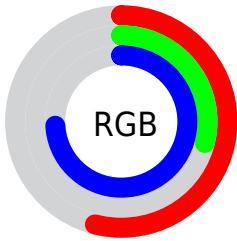
Format	Color
R _Y B	137, 74, 189
Decimal	8997565
CIE Lab	44.00, 47.82, -50.38
CIE LCh	44, 69.463, 313.507
Yxy	13.8382, 0.2566, 0.1623
Android (android.graphics.Color)	4287187645 (0xFF894ABD)
YUV	105.9470, 40.9451, 27.2335
Hunter-Lab	37.1997, 39.8962, -52.9238

Details

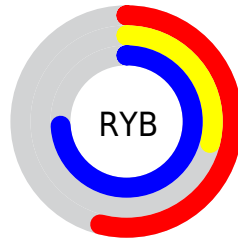
The CIELCh color `44, 69.463, 313.507` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `70, 64.195, 128.063`, and the grayscale version is `45, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 69.307, 313.372`, and `24, 69.529, 313.367` is the 20% darker color. If you saturate the color by 10%, you get `40, 79.722, 313.775`, and if you desaturate by 10%, it is `49, 58.280, 313.104`.

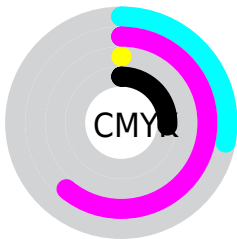
Distribution



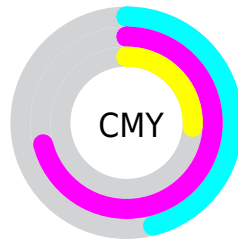
- Red (54%)
- Green (29%)
- Blue (74%)



- Red (54%)
- Yellow (29%)
- Blue (74%)



- Cyan (28%)
- Magenta (61%)
- Yellow (0%)
- Black (26%)



- Cyan (46%)
- Magenta (71%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 69.463, 313.507 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, 69.463, 313.507 by changing the saturation by 10% instead.


 44, 69.463,
313.507


 44, 69.463,
313.507


 100, 69.463,
313.507


 34, 69.463,
313.507

 64, 69.463,
313.507


 24, 69.463,
313.507

 74, 69.463,
313.507

 14, 69.463,
313.507

 84, 69.463,
313.507

 4, 69.463, 313.507

 94, 69.463,
313.507

 0, 69.463, 313.507

 44, 69.463,

 44, 69.463,

313.507

40, 79.722,
313.775

36, 88.385,
313.818

33, 94.726,
313.536

31, 98.539,
313.022

313.507

49, 58.280,
313.104

54, 46.676,
312.631

59, 34.984,
312.136

65, 23.404,
311.646

70, 12.053,
311.177

76, 0.992, 310.628

82, 9.753, 130.379

87, 20.175,
130.019

■ 93, 30.277,
129.704

Harmonies

Complementary

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



44, 69.463, 313.507



70, 64.195, 128.063

Rectangle

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



44, 69.463, 313.507



44, 69.463, 3.507



44, 69.463, 133.507



44, 69.463, 183.507

Sweetspot

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



44, 69.462, 313.507



84, 24.810, 311.521



52, 37.507, 271.692



43, 17.295, 311.660



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, 69.462, 313.507



50, 100.596, 313.819



51, 70.379, 328.494



37, 6.250, 311.106



25, 86.306, 313.172



2, 18.231, 306.668

Inverse Universe

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



48, 51.591, 353.974



57, 72.610, 357.114



68, 71.313, 139.971



37, 4.826, 347.066



33, 59.065, 5.968



3, 13.606, 354.387

Previews

White Background



This preview shows how the CIELCh color 44, 69.463, 313.507 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, 69.463, 313.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

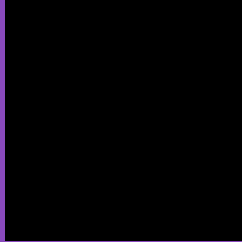
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 69.463, 313.507

Background



This preview shows how black text looks on a background with the CIELCh color 44, 69.463, 313.507.



This preview shows how white text looks on a background with the CIELCh color 44, 69.463, 313.507.

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



Original Color

44, 69.463, 313.507

Protanopia

44, 68.183, 287.569

Deuteranopia

44, 46.615, 277.911



Tritanopia
44, 10.905, 358.426

Trichromacy



Original Color
44, 69.463, 313.507

Protanomaly
42, 68.987, 292.775

Deuteranomaly
43, 53.991, 292.266

Tritanomaly
43, 31.028, 321.063

Monochromacy



Original Color
44, 69.463, 313.507

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 26.728, 312.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 69.463, 313.507 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(137, 74, 189)` looks like.

```
.text, #text, p{  
    color:rgb(137, 74, 189)  
}
```

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(137, 74, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 74, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 69.463, 313.507 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(137, 74, 189) }
```

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

```
.border{ border-color:rgb(137, 74, 189) }
```

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

Here you see how a box with a 4 pixel rgb(137, 74, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 74, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 74, 189);  
box-shadow:4px 4px 4px 4px rgb(137, 74,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 69.463, 313.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 74, 189) }
```

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

```
.background{ background-color: rgb(137, 74,  
189) }
```

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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