

Converting Colors

CIELCh(44, 27.590, 321.129)

Have a look what the booklet for
CIELCh(44, 27.590, 321.129)
contains.

CIELCh(44, 27.749, 321.021)	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, 27.749, 321.021)

Conversions

Conversions Part 1

Format	Color
Hex	7E5C85
RGB	126, 92, 133
RGB Percent	49%, 36%, 52%
CMY	0.5051, 0.6384, 0.4776
CMYK	0.05, 0.31, 0.00, 0.48
HSL	290°, 18%, 44%
HSV	290°, 31%, 52%
XYZ	16.7262, 13.8382, 24.0539
YIQ	106.8400, 7.1030, 19.9590

Conversions

Conversions Part 2

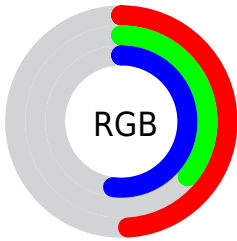
Format	Color
R_{YB}	126, 92, 133
Decimal	8281221
CIE _{Lab}	44.00, 21.57, -17.46
CIE _{LCh}	44, 27.749, 321.021
Yxy	13.8382, 0.3062, 0.2534
Android (android.graphics.Color)	4286471301 (0xFF7E5C85)
YUV	106.8400, 12.8969, 16.8033
Hunter-Lab	37.1997, 15.1596, -12.2980

Details

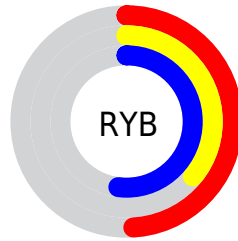
The CIELCh color $44, 27.749, 321.021$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 27.440, 138.059$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 27.372, 320.953$, and $24, 27.785, 321.114$ is the 20% darker color. If you saturate the color by 10%, you get $40, 36.693, 321.433$, and if you desaturate by 10%, it is $48, 18.675, 320.584$.

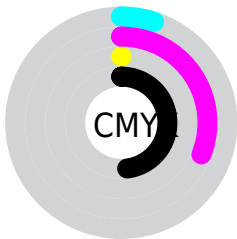
Distribution



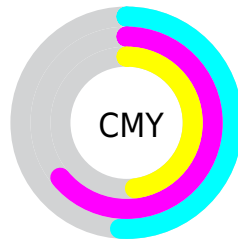
- Red (49%)
- Green (36%)
- Blue (52%)



- Red (49%)
- Yellow (36%)
- Blue (52%)



- Cyan (5%)
- Magenta (31%)
- Yellow (0%)
- Black (48%)




- Cyan (51%)
- Magenta (64%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 27.749, 321.021 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, 27.749, 321.021 by changing the saturation by 10% instead.


 44, 27.749,
321.021


 44, 27.749,
321.021


 100, 27.749,
321.021


 34, 27.749,
321.021

 64, 27.749,
321.021


 24, 27.749,
321.021

 74, 27.749,
321.021

 14, 27.749,
321.021

 84, 27.749,
321.021

 4, 27.749, 321.021

 94, 27.749,
321.021

 0, 27.749, 321.021

 44, 27.749,

 44, 27.749,

321.021

40, 36.693,
321.433

37, 45.295,
321.798

34, 53.261,
322.087

32, 60.236,
322.266

30, 65.841,
322.298

28, 69.770,
322.149

27, 72.371,
321.910

321.021

48, 18.675,
320.584

51, 9.626, 320.134

55, 0.701, 319.487

59, 8.041, 139.316

63, 16.564,
138.905

67, 24.853,
138.526

71, 32.903,
138.174

75, 40.715,
137.849

79, 48.298,

Harmonies

Complementary

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



44, 27.749, 321.021



52, 27.440, 138.059

Rectangle

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



44, 27.749, 321.021



44, 27.749, 11.021



44, 27.749, 141.021



44, 27.749, 191.021

Sweetspot

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



44, 27.747, 321.021



67, 9.951, 320.062



43, 20.266, 285.525



34, 6.892, 320.120



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



44, 27.747, 321.021



54, 41.337, 321.315



44, 23.330, 337.157



26, 5.008, 320.058



26, 71.124, 321.924



0, 1.191, 319.678

Inverse Universe

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



44, 18.093, 8.769



53, 27.374, 9.824



52, 23.051, 152.542



26, 3.125, 6.241



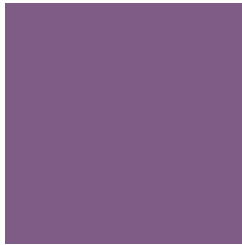
26, 56.591, 29.857



0, 0.731, 5.510

Previews

White Background



This preview shows how the CIELCh color 44, 27.749, 321.021 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, 27.749, 321.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

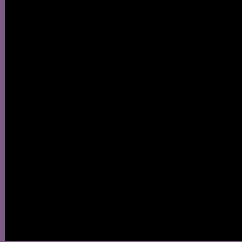
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 27.749, 321.021

Background



This preview shows how black text looks on a background with the CIELCh color 44, 27.749, 321.021.



This preview shows how white text looks on a background with the CIELCh color 44, 27.749, 321.021.

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, 27.749, 321.021

Protanopia

44, 22.898, 284.715

Deuteranopia

44, 17.394, 290.211



Tritanopia
44, 10.905, 358.426

Trichromacy



Original Color
44, 27.749, 321.021

Protanomaly
44, 23.577, 298.650

Deuteranomaly
44, 20.996, 305.257

Tritanomaly
44, 16.070, 336.717

Monochromacy



Original Color
44, 27.749, 321.021

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 10.218, 319.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 27.749, 321.021 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(126, 92, 133)` looks like.

```
.text, #text, p{  
    color:rgb(126, 92, 133)  
}
```

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(126, 92, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 92, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 27.749, 321.021 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(126, 92, 133) }
```

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

```
.border{ border-color:rgb(126, 92, 133) }
```

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

Here you see how a box with a 4 pixel rgb(126, 92, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 92, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 92, 133);  
box-shadow:4px 4px 4px 4px rgb(126, 92,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 27.749, 321.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 92, 133) }
```

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

```
.background{ background-color: rgb(126, 92,  
133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor