

Converting Colors

CIELCh(43, 26.817, 320.983)

Have a look what the booklet for
CIELCh(43, 26.817, 320.983)
contains.

CIELCh(43, 27.156, 320.885)	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(43, 27.156, 320.885)

Conversions

Conversions Part 1

Format	Color
Hex	7B5A82
RGB	123, 90, 130
RGB Percent	48%, 35%, 51%
CMY	0.5173, 0.6467, 0.4899
CMYK	0.05, 0.31, 0.00, 0.49
HSL	290°, 18%, 43%
HSV	290°, 31%, 51%
XYZ	15.8791, 13.1578, 22.8526
YIQ	104.4270, 6.8280, 19.4360

Conversions

Conversions Part 2

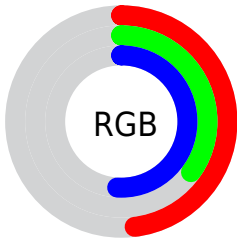
Format	Color
R_{YB}	123, 90, 130
Decimal	8084098
CIE _{Lab}	43.00, 21.07, -17.13
CIE _{LCh}	43, 27.156, 320.885
Yxy	13.1578, 0.3060, 0.2536
Android (android.graphics.Color)	4286274178 (0xFF7B5A82)
YUV	104.4270, 12.6075, 16.2885
Hunter-Lab	36.2736, 14.6612, -11.9616

Details

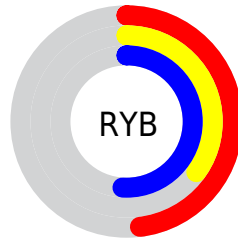
The CIELCh color $43, 27.156, 320.885$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 26.846, 137.947$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 27.458, 320.969$, and $23, 27.010, 320.115$ is the 20% darker color. If you saturate the color by 10%, you get $40, 35.927, 321.296$, and if you desaturate by 10%, it is $47, 18.263, 320.450$.

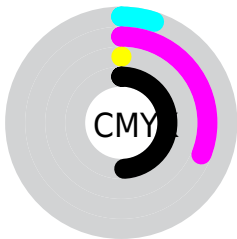
Distribution



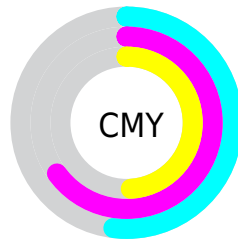
- Red (48%)
- Green (35%)
- Blue (51%)



- Red (48%)
- Yellow (35%)
- Blue (51%)



- Cyan (5%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (52%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 27.156, 320.885 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 43, 27.156, 320.885 by changing the saturation by 10% instead.

 43, 27.156,
320.885


 43, 27.156,
320.885

 100, 27.156,
320.885


 33, 27.156,
320.885

 63, 27.156,
320.885


 23, 27.156,
320.885

 73, 27.156,
320.885

 13, 27.156,
320.885

 83, 27.156,
320.885

 3, 27.156, 320.885

 93, 27.156,
320.885

 0, 27.156, 320.885

 43, 27.156,

 43, 27.156,

320.885

40, 35.927,
321.296

36, 44.372,
321.660

33, 52.205,
321.948

31, 59.080,
322.127

29, 64.626,
322.159

27, 68.536,
322.010

26, 71.178,
321.773

320.885

47, 18.263,
320.450

50, 9.398, 320.003

54, 0.656, 319.348

58, 7.906, 139.189

62, 16.255,
138.782

66, 24.373,
138.406

70, 32.258,
138.057

74, 39.912,
137.735

77, 47.341,

Harmonies

Complementary

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



43, 27.156, 320.885



51, 26.846, 137.947

Rectangle

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



43, 27.156, 320.885



43, 27.156, 10.885



43, 27.156, 140.885



43, 27.156, 190.885

Sweetspot

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



43, 27.154, 320.885



65, 9.700, 319.932



42, 19.850, 285.507



33, 6.715, 319.989



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 27.154, 320.885



52, 40.307, 321.180



43, 22.856, 337.149



26, 5.002, 319.930



26, 71.163, 321.773



0, 1.189, 319.551

Inverse Universe

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



43, 17.732, 8.426



52, 26.723, 9.482



51, 22.583, 152.552



26, 3.129, 5.907



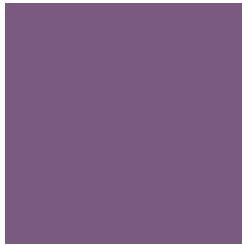
26, 56.435, 29.545



0, 0.732, 5.173

Previews

White Background



This preview shows how the CIELCh color 43, 27.156, 320.885 looks on a white background.

Color Contrast Check

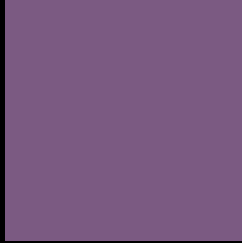
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 27.156, 320.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

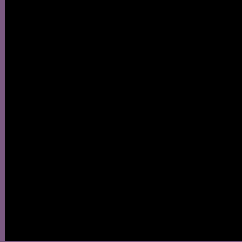
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 27.156, 320.885

Background



This preview shows how black text looks on a background with the CIELCh color 43, 27.156, 320.885.



This preview shows how white text looks on a background with the CIELCh color 43, 27.156, 320.885.

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

43, 27.156, 320.885

Protanopia

43, 22.974, 285.659

Deuteranopia

43, 16.855, 290.080



Tritanopia
43, 11.175, 355.599

Trichromacy



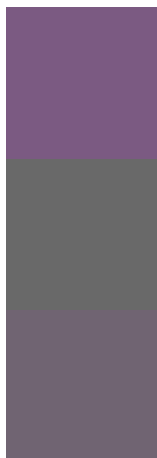
Original Color
43, 27.156, 320.885

Protanomaly
43, 23.732, 299.579

Deuteranomaly
43, 20.407, 304.567

Tritanomaly
43, 16.277, 334.126

Monochromacy



Original Color
43, 27.156, 320.885

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 9.733, 321.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 27.156, 320.885 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(123, 90, 130)` looks like.

```
.text, #text, p{  
    color:rgb(123, 90, 130)  
}
```

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(123, 90, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 90, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 27.156, 320.885 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(123, 90, 130) }
```

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

```
.border{ border-color:rgb(123, 90, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 90, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 90, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 90, 130);  
box-shadow:4px 4px 4px 4px rgb(123, 90,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 27.156, 320.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 90, 130) }
```

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

```
.background{ background-color: rgb(123, 90,  
130) }
```

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