

# Converting Colors

CIELCh(43, 18.311, 329.943)

Have a look what the booklet for  
CIELCh(43, 18.311, 329.943)  
contains.

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**Color**

**CIELCh(43, 18.283, 329.933)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795D75
RGB	121, 93, 117
RGB Percent	47%, 36%, 46%
CMY	0.5258, 0.6356, 0.5415
CMYK	0.00, 0.23, 0.03, 0.53
HSL	309°, 13%, 42%
HSV	309°, 23%, 47%
XYZ	14.9886, 13.1578, 18.5557
YIQ	104.1080, 8.9840, 13.4000

# Conversions

## Conversions Part 2

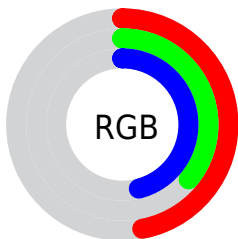
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 93, 117
Decimal	7953781
CIE <sub>Lab</sub>	43.00, 15.82, -9.16
CIE <sub>LCh</sub>	43, 18.283, 329.933
Yxy	13.1578, 0.3209, 0.2817
Android (android.graphics.Color)	4286143861 (0xFF795D75)
YUV	104.1080, 6.3558, 14.8143
Hunter-Lab	36.2736, 10.2792, -4.9382

# Details

The CIELCh color  $43, 18.283, 329.933$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $48, 18.236, 147.089$ , and the grayscale version is  $44, 0.006, 296.813$ .

A 20% lighter version of the original color is  $63, 18.010, 330.416$ , and  $23, 18.121, 329.722$  is the 20% darker color. If you saturate the color by 10%, you get  $40, 26.132, 330.531$ , and if you desaturate by 10%, it is  $46, 10.351, 329.340$ .

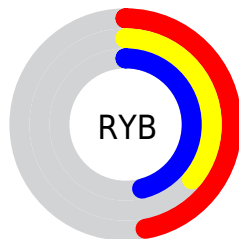
# Distribution



Red (47%)

Green (36%)

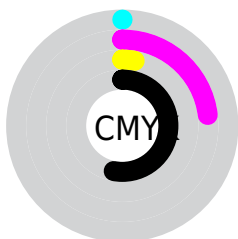
Blue (46%)



Red (47%)

Yellow (36%)

Blue (46%)

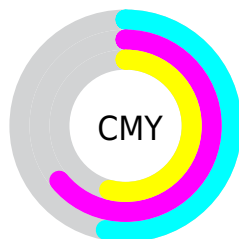


Cyan (0%)

Magenta (23%)

Yellow (3%)

Black (53%)



Cyan (53%)

Magenta (64%)


Yellow (54%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 18.283, 329.933 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, 18.283, 329.933 by changing the saturation by 10% instead.





 43, 18.283,  
329.933


 43, 18.283,  
329.933


 100, 18.283,  
329.933


 33, 18.283,  
329.933

 63, 18.283,  
329.933


 23, 18.283,  
329.933

 73, 18.283,  
329.933

 13, 18.283,  
329.933


 83, 18.283,  
329.933

 3, 18.283, 329.933

 93, 18.283,  
329.933

 0, 18.283, 329.933

 43, 18.283,

 43, 18.283,

329.933

40, 26.132,  
330.531

37, 33.724,  
331.131

34, 40.823,  
331.731

32, 47.139,  
332.329

30, 52.358,  
332.928

28, 56.199,  
333.535

27, 58.513,  
334.166

27, 59.746,  
334.599

329.933

46, 10.351,  
329.340

50, 2.466, 328.707

53, 5.292, 148.275


57, 12.875,  
147.721

60, 20.254,  
147.206

64, 27.419,  
146.719

68, 34.368,  
146.258

71, 41.106,  
145.822

 75, 47.642,  
145.410

# Harmonies

# Complementary

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



43, 18.283, 329.933



48, 18.236, 147.089

# Rectangle

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



43, 18.283, 329.933



43, 18.283, 19.933



43, 18.283, 149.933



43, 18.283, 199.933

# Sweetspot

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



43, 18.281, 329.933



62, 6.838, 328.981



41, 17.132, 297.384



32, 4.420, 329.006



83, 0.010, 296.813



34, 0.005, 296.813





# Same Dimension

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



43, 18.281, 329.933



54, 27.529, 330.264



43, 13.271, 353.714



24, 4.468, 329.097



28, 61.146, 334.624



58, 102.343, 335.024



# Inverse Universe

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



43, 18.281, 329.933



54, 27.529, 330.264



48, 12.626, 169.421



24, 4.468, 329.097



28, 61.146, 334.624

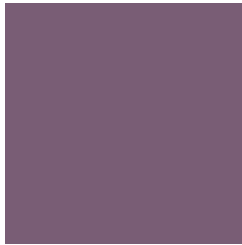


58, 102.343, 335.024



# Previews

## White Background



This preview shows how the CIELCh color 43, 18.283, 329.933 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 43, 18.283, 329.933 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

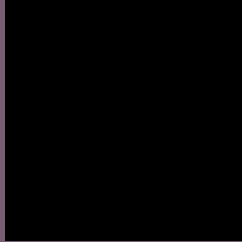
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**CIELCh 43, 18.283, 329.933**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 43, 18.283, 329.933.



This preview shows how white text looks on a background with the CIELCh color 43, 18.283, 329.933.

# 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, 18.283, 329.933

### Protanopia

43, 12.689, 285.175

### Deuteranopia

43, 10.553, 304.550





**Tritanopia**  
43, 11.175, 355.599

# Trichromacy



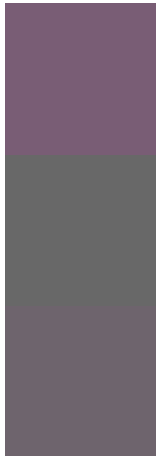
**Original Color**  
43, 18.283, 329.933

**Protanomaly**  
43, 13.675, 305.149

**Deuteranomaly**  
43, 12.784, 317.544

**Tritanomaly**  
43, 13.644, 343.372

# Monochromacy



**Original Color**  
43, 18.283, 329.933

**Achromatopsia**  
44, 0.006, 296.813

**Achromatomaly**  
44, 6.806, 327.740

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 43, 18.283, 329.933 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(121, 93, 117)` looks like.

```
.text, #text, p{  
    color:rgb(121, 93, 117)  
}
```

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(121, 93, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 93, 117) }
```

## Border

The CSS property to change the border of an element to CIELCh 43, 18.283, 329.933 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(121, 93, 117) }
```

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

```
.border{ border-color:rgb(121, 93, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 93, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 93, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 93, 117); box-shadow:4px 4px 4px 4px rgb(121, 93, 117) }
```

# Background

The CSS property to change the background color of an element to CIELCh 43, 18.283, 329.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 93, 117) }
```

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

```
.background{ background-color: rgb(121, 93,  
117) }
```

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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