

Converting Colors

CIELCh(43, 25.453, 325.948)

Have a look what the booklet for
CIELCh(43, 25.453, 325.948)
contains.

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Color

CIELCh(43, 25.037, 325.896)

Conversions

Conversions Part 1

Format	Color
Hex	7D5A7D
RGB	125, 90, 125
RGB Percent	49%, 35%, 49%
CMY	0.5097, 0.6470, 0.5097
CMYK	0.00, 0.28, 0.00, 0.51
HSL	300°, 16%, 42%
HSV	300°, 28%, 49%
XYZ	15.8206, 13.1578, 21.1141
YIQ	104.4550, 9.6250, 18.3050

Conversions

Conversions Part 2

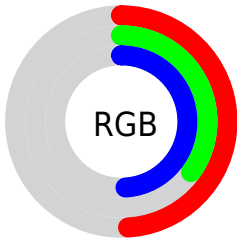
Format	Color
R _{YB}	125, 90, 125
Decimal	8215165
CIE Lab	43.00, 20.73, -14.04
CIE LCh	43, 25.037, 325.896
Yxy	13.1578, 0.3158, 0.2627
Android (android.graphics.Color)	4286405245 (0xFF7D5A7D)
YUV	104.4550, 10.1287, 18.0180
Hunter-Lab	36.2736, 14.3732, -9.1198

Details

The CIELCh color $43, 25.037, 325.896$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $49, 25.031, 142.617$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 25.495, 325.586$, and $23, 24.607, 325.557$ is the 20% darker color. If you saturate the color by 10%, you get $40, 33.784, 326.395$, and if you desaturate by 10%, it is $46, 16.089, 325.375$.

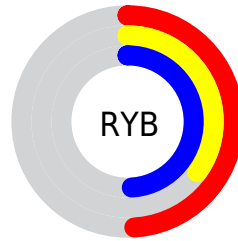
Distribution



Red (49%)

Green (35%)

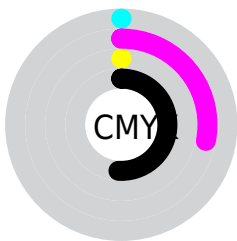
Blue (49%)



Red (49%)

Yellow (35%)

Blue (49%)

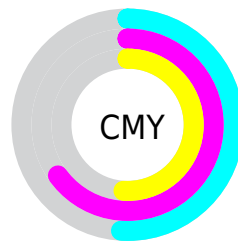


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (51%)



Cyan (51%)


Magenta (65%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 25.037, 325.896 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, 25.037, 325.896 by changing the saturation by 10% instead.


 43, 25.037,
325.896


 43, 25.037,
325.896


 100, 25.037,
325.896


 33, 25.037,
325.896

 63, 25.037,
325.896


 23, 25.037,
325.896

 73, 25.037,
325.896

 13, 25.037,
325.896

 83, 25.037,
325.896

 3, 25.037, 325.896

 93, 25.037,
325.896

 0, 25.037, 325.896

 43, 25.037,

 43, 25.037,

325.896

40, 33.784,
326.395

37, 42.107,
326.860

35, 49.720,
327.274

33, 56.306,
327.624

31, 61.563,
327.898

30, 65.276,
328.088

29, 67.690,
328.209

29, 68.158,
328.233

325.896

46, 16.089,
325.375

50, 7.117, 324.836

53, 1.763, 144.443


57, 10.472,
143.845

60, 18.963,
143.342

64, 27.212,
142.865

68, 35.208,
142.413

71, 42.951,
141.987

 75, 50.447,
141.587

Harmonies

Complementary

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



43, 25.037, 325.896



49, 25.031, 142.617

Rectangle

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



43, 25.037, 325.896



43, 25.037, 15.896



43, 25.037, 145.896



43, 25.037, 195.896

Sweetspot

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



43, 25.035, 325.896



64, 8.857, 324.847



40, 21.413, 293.392



32, 6.267, 324.918



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 25.035, 325.896



53, 37.692, 326.240



42, 17.861, 346.097



25, 5.102, 324.898



30, 69.130, 328.233



0, 0.000, 0.000

Inverse Universe

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



43, 25.035, 325.896



53, 37.692, 326.240



49, 17.277, 161.208



25, 5.102, 324.898



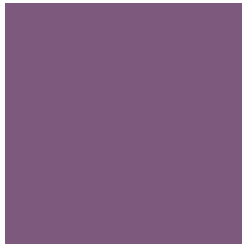
30, 69.130, 328.233



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 25.037, 325.896 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, 25.037, 325.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

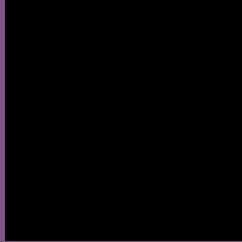
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 25.037, 325.896

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.037, 325.896.



This preview shows how white text looks on a background with the CIELCh color 43, 25.037, 325.896.

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, 25.037, 325.896

Protanopia

43, 19.361, 284.472

Deuteranopia

43, 13.862, 293.721



Tritanopia
43, 12.765, 359.226

Trichromacy



Original Color
43, 25.037, 325.896

Protanomaly
43, 20.181, 301.412

Deuteranomaly
43, 17.796, 310.085

Tritanomaly
43, 15.992, 342.154

Monochromacy



Original Color
43, 25.037, 325.896

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 9.458, 325.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.037, 325.896 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(125, 90, 125)` looks like.

```
.text, #text, p{  
    color:rgb(125, 90, 125)  
}
```

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(125, 90, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 90, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.037, 325.896 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(125, 90, 125) }
```

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

```
.border{ border-color:rgb(125, 90, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 90, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 90, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 90, 125);  
box-shadow:4px 4px 4px 4px rgb(125, 90,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.037, 325.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 90, 125) }
```

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

```
.background{ background-color: rgb(125, 90,  
125) }
```

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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