

Converting Colors

CIELCh(43, 27.176, 325.726)

Have a look what the booklet for
CIELCh(43, 27.176, 325.726)
contains.

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Color

CIELCh(43, 27.089, 325.997)

Conversions

Conversions Part 1

Format	Color
Hex	7F597F
RGB	127, 89, 127
RGB Percent	50%, 35%, 50%
CMY	0.5024, 0.6514, 0.5024
CMYK	0.00, 0.30, 0.00, 0.50
HSL	300°, 18%, 42%
HSV	300°, 30%, 50%
XYZ	16.1203, 13.1578, 21.7278
YIQ	104.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

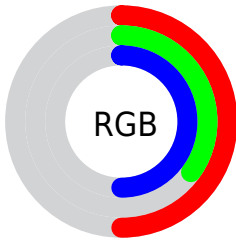
Format	Color
RYB	127, 89, 127
Decimal	8345983
CIELab	43.00, 22.46, -15.15
CIELCh	43, 27.089, 325.997
Yxy	13.1578, 0.3160, 0.2580
Android (android.graphics.Color)	4286536063 (0xFF7F597F)
YUV	104.6940, 10.9969, 19.5624
Hunter-Lab	36.2736, 15.8480, -10.1230

Details

The CIELCh color $43, 27.089, 325.997$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $49, 27.088, 142.454$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 26.783, 325.634$, and $23, 27.464, 325.838$ is the 20% darker color. If you saturate the color by 10%, you get $40, 35.877, 326.491$, and if you desaturate by 10%, it is $46, 18.056, 325.479$.

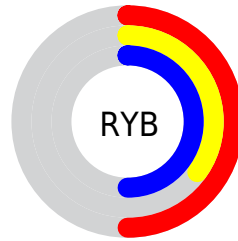
Distribution



Red (50%)

Green (35%)

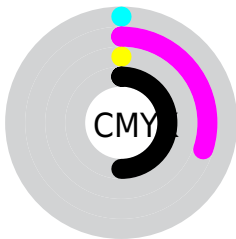
Blue (50%)



Red (50%)

Yellow (35%)

Blue (50%)

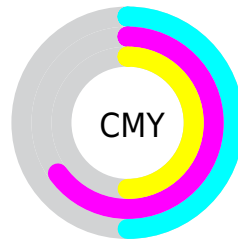


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (50%)



Cyan (50%)

Magenta (65%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 27.089, 325.997 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, 27.089, 325.997 by changing the saturation by 10% instead.

 43, 27.089,
325.997


 43, 27.089,
325.997


 100, 27.089,
325.997


 33, 27.089,
325.997

 63, 27.089,
325.997


 23, 27.089,
325.997

 73, 27.089,
325.997

 13, 27.089,
325.997

 83, 27.089,
325.997

 3, 27.089, 325.997

 93, 27.089,
325.997

 0, 27.089, 325.997

 43, 27.089,

 43, 27.089,

325.997

325.997

40, 35.877,
326.491

46, 18.056,
325.479

37, 44.181,
326.947

50, 8.969, 324.943

35, 51.703,
327.351

53, 0.045, 148.534

57, 8.898, 143.945

33, 58.117,
327.686

60, 17.538,
143.436

31, 63.130,
327.943

64, 25.936,
142.953

30, 66.551,
328.116

68, 34.078,
142.496

29, 68.875,
328.231

72, 41.963,
142.064

29, 68.888,
328.232

75, 49.596,

Harmonies

Complementary

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



43, 27.089, 325.997



49, 27.088, 142.454

Rectangle

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



43, 27.089, 325.997



43, 27.089, 15.997



43, 27.089, 145.997



43, 27.089, 195.997

Sweetspot

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



43, 27.087, 325.997



64, 10.097, 324.903



39, 22.864, 293.047



33, 7.076, 324.972



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, 27.087, 325.997



53, 40.352, 326.342



42, 19.551, 345.366



25, 5.102, 324.897



30, 69.130, 328.232



0, 0.000, 0.000

Inverse Universe

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



42, 16.878, 21.757



51, 25.867, 22.616



50, 18.925, 160.144



25, 2.951, 19.874



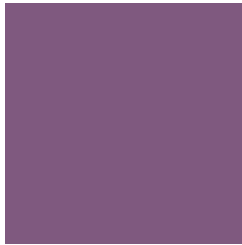
25, 61.101, 38.346



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 27.089, 325.997 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, 27.089, 325.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

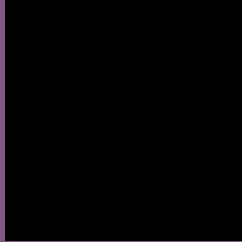
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 27.089, 325.997

Background



This preview shows how black text looks on a background with the CIELCh color 43, 27.089, 325.997.



This preview shows how white text looks on a background with the CIELCh color 43, 27.089, 325.997.

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, 27.089, 325.997

Protanopia

43, 20.581, 284.247

Deuteranopia

43, 15.052, 292.326



Tritanopia
43, 13.002, 2.504

Trichromacy



Original Color
43, 27.089, 325.997

Protanomaly
43, 21.365, 301.032

Deuteranomaly
43, 18.935, 309.022

Tritanomaly
43, 16.998, 342.499

Monochromacy



Original Color
43, 27.089, 325.997

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 10.173, 325.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 27.089, 325.997 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(127, 89, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 89, 127)  
}
```

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(127, 89, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 89, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 27.089, 325.997 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(127, 89, 127) }
```

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

```
.border{ border-color:rgb(127, 89, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 89, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 89, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 89, 127);  
box-shadow:4px 4px 4px 4px rgb(127, 89,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 27.089, 325.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 89, 127) }
```

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

```
.background{ background-color: rgb(127, 89,  
127) }
```

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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