

Converting Colors

CIELCh(44, 19.222, 325.839)

Have a look what the booklet for
CIELCh(44, 19.222, 325.839)
contains.

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Color

CIELCh(44, 19.408, 325.589)

Conversions

Conversions Part 1

Format	Color
Hex	7A5F7A
RGB	122, 95, 122
RGB Percent	48%, 37%, 48%
CMY	0.5200, 0.6259, 0.5200
CMYK	0.00, 0.22, 0.00, 0.52
HSL	300°, 12%, 43%
HSV	300°, 22%, 48%
XYZ	15.7501, 13.8382, 20.3860
YIQ	106.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

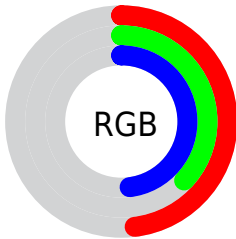
Format	Color
R_{YB}	122, 95, 122
Decimal	8019834
CIE _{Lab}	44.00, 16.01, -10.97
CIE _{LCh}	44, 19.408, 325.589
Yxy	13.8382, 0.3152, 0.2769
Android (android.graphics.Color)	4286209914 (0xFF7A5F7A)
YUV	106.1510, 7.8136, 13.8996
Hunter-Lab	37.1997, 10.4761, -6.4520

Details

The CIELCh color $44, 19.408, 325.589$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $49, 19.394, 143.081$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 19.050, 326.272$, and $24, 19.611, 326.097$ is the 20% darker color. If you saturate the color by 10%, you get $41, 28.144, 326.102$, and if you desaturate by 10%, it is $47, 10.582, 325.059$.

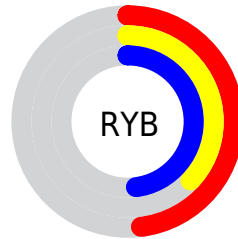
Distribution



Red (48%)

Green (37%)

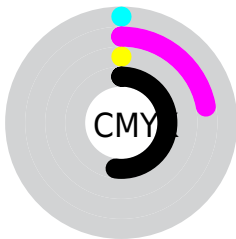
Blue (48%)



Red (48%)

Yellow (37%)

Blue (48%)

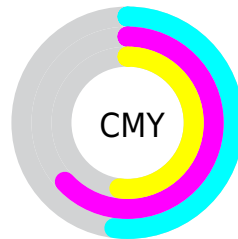


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (63%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 19.408, 325.589 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, 19.408, 325.589 by changing the saturation by 10% instead.


 44, 19.408,
325.589


 44, 19.408,
325.589


 100, 19.408,
325.589


 34, 19.408,
325.589

 64, 19.408,
325.589


 24, 19.408,
325.589

 74, 19.408,
325.589

 14, 19.408,
325.589


 84, 19.408,
325.589

 4, 19.408, 325.589

 94, 19.408,
325.589

 0, 19.408, 325.589

 44, 19.408,

 44, 19.408,

325.589

41, 28.144,
326.102

38, 36.605,
326.588

35, 44.544,
327.033

33, 51.665,
327.423

31, 57.657,
327.744

30, 62.247,
327.985

29, 65.282,
328.142

28, 67.129,
328.236

325.589

47, 10.582,
325.059

51, 1.807, 324.453

54, 6.828, 144.064


58, 15.265,
143.548

61, 23.472,
143.062

65, 31.434,
142.600

69, 39.147,
142.164

72, 46.614,
141.754

 76, 53.846,
141.370

Harmonies

Complementary

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



44, 19.408, 325.589



49, 19.394, 143.081

Rectangle

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



44, 19.408, 325.589



44, 19.408, 15.589



44, 19.408, 145.589



44, 19.408, 195.589

Sweetspot

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



44, 19.406, 325.589



62, 7.547, 324.791



41, 16.393, 292.583



32, 4.878, 324.813



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 19.406, 325.589



55, 28.182, 325.825



44, 13.786, 345.505



24, 4.930, 324.896



29, 68.127, 328.236



60, 114.681, 328.236

Inverse Universe

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



44, 19.406, 325.589



55, 28.182, 325.825



49, 13.427, 161.798



24, 4.930, 324.896



29, 68.127, 328.236



60, 114.681, 328.236

Previews

White Background



This preview shows how the CIELCh color 44, 19.408, 325.589 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 44, 19.408, 325.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

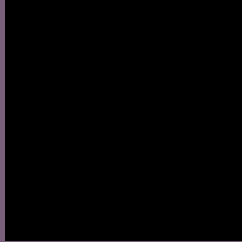
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 19.408, 325.589

Background



This preview shows how black text looks on a background with the CIELCh color 44, 19.408, 325.589.



This preview shows how white text looks on a background with the CIELCh color 44, 19.408, 325.589.

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, 19.408, 325.589

Protanopia

44, 15.020, 286.639

Deuteranopia

44, 11.531, 299.490



Tritanopia
44, 10.359, 353.386

Trichromacy



Original Color
44, 19.408, 325.589

Protanomaly
44, 15.966, 303.332

Deuteranomaly
44, 14.065, 311.400

Tritanomaly
44, 13.316, 338.913

Monochromacy



Original Color
44, 19.408, 325.589

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 7.254, 324.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 19.408, 325.589 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(122, 95, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 95, 122)  
}
```

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(122, 95, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 95, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 19.408, 325.589 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(122, 95, 122) }
```

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

```
.border{ border-color:rgb(122, 95, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 95, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 95, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 95, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 95,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 19.408, 325.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 95, 122) }
```

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

```
.background{ background-color: rgb(122, 95,  
122) }
```

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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