

Converting Colors

CIELCh(44, 17.577, 333.481)

Have a look what the booklet for
CIELCh(44, 17.577, 333.481)
contains.

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Color

CIELCh(44, 17.603, 333.492)

Conversions

Conversions Part 1

Format	Color
Hex	7C5F75
RGB	124, 95, 117
RGB Percent	49%, 37%, 46%
CMY	0.5125, 0.6263, 0.5400
CMYK	0.00, 0.23, 0.06, 0.51
HSL	314°, 13%, 43%
HSV	314°, 23%, 49%
XYZ	15.7055, 13.8382, 18.7678
YIQ	106.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

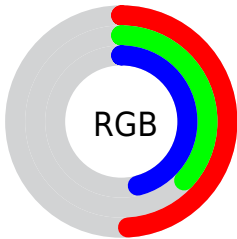
Format	Color
R_{YB}	124, 95, 117
Decimal	8150901
CIE _{Lab}	44.00, 15.75, -7.86
CIE _{LCh}	44, 17.603, 333.492
Yxy	13.8382, 0.3251, 0.2864
Android (android.graphics.Color)	4286340981 (0xFF7C5F75)
YUV	106.1790, 5.3348, 15.6290
Hunter-Lab	37.1997, 10.2623, -3.8728

Details

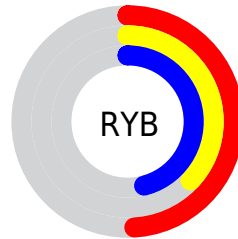
The CIELCh color $44, 17.603, 333.492$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $49, 17.499, 150.384$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 17.399, 333.781$, and $24, 18.106, 333.457$ is the 20% darker color. If you saturate the color by 10%, you get $41, 25.118, 334.182$, and if you desaturate by 10%, it is $47, 10.020, 332.828$.

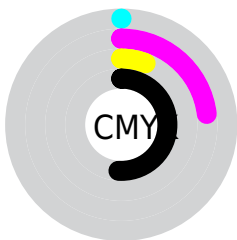
Distribution



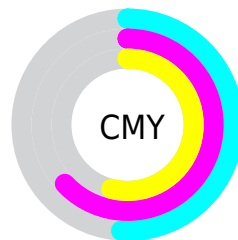
- Red (49%)
- Green (37%)
- Blue (46%)



- Red (49%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (63%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 17.603, 333.492 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, 17.603, 333.492 by changing the saturation by 10% instead.

 44, 17.603,
333.492


 44, 17.603,
333.492

 100, 17.603,
333.492

 34, 17.603,
333.492

 64, 17.603,
333.492


 24, 17.603,
333.492

 74, 17.603,
333.492

 14, 17.603,
333.492


 84, 17.603,
333.492

 4, 17.603, 333.492

 94, 17.603,
333.492

 0, 17.603, 333.492

 44, 17.603,

 44, 17.603,

333.492

333.492

41, 25.118,
334.182

47, 10.020,
332.828

38, 32.396,
334.904

51, 2.492, 332.134

35, 39.199,
335.664

55, 4.905, 151.675

32, 45.234,
336.476

58, 12.126,
151.080

30, 50.177,
337.361

62, 19.148,
150.535

29, 53.731,
338.349

66, 25.962,
150.022

28, 55.734,
339.481

69, 32.570,
149.537

27, 56.727,
340.264

73, 38.978,
149.080

■ 77, 45.195,
148.649

Harmonies

Complementary

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



44, 17.603, 333.492



49, 17.499, 150.384

Rectangle

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



44, 17.603, 333.492



44, 17.603, 23.492



44, 17.603, 153.492



44, 17.603, 203.492

Sweetspot

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



44, 17.601, 333.493



63, 6.460, 332.419



42, 17.804, 300.917



33, 4.231, 332.448



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 17.601, 333.493



54, 26.051, 333.856



44, 13.094, 0.639



24, 4.166, 332.546



27, 56.931, 340.272



57, 94.985, 341.099

Inverse Universe

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



44, 17.601, 333.493



54, 26.051, 333.856



50, 12.170, 176.201



24, 4.166, 332.546



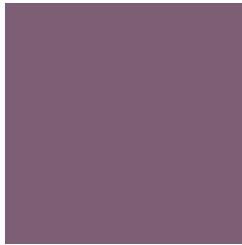
27, 56.931, 340.272



57, 94.985, 341.099

Previews

White Background



This preview shows how the CIELCh color 44, 17.603, 333.492 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, 17.603, 333.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

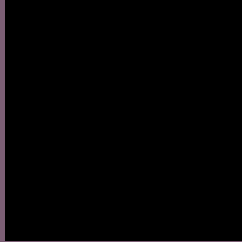
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 17.603, 333.492

Background



This preview shows how black text looks on a background with the CIELCh color 44, 17.603, 333.492.



This preview shows how white text looks on a background with the CIELCh color 44, 17.603, 333.492.

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, 17.603, 333.492

Protanopia

44, 12.021, 286.459

Deuteranopia

44, 9.590, 310.756



Tritanopia
44, 11.911, 357.474

Trichromacy



Original Color
44, 17.603, 333.492

Protanomaly
44, 13.147, 307.368

Deuteranomaly
44, 12.092, 323.554

Tritanomaly
44, 13.607, 346.540

Monochromacy



Original Color
44, 17.603, 333.492

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 6.597, 333.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 17.603, 333.492 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(124, 95, 117)` looks like.

```
.text, #text, p{  
    color:rgb(124, 95, 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(124, 95, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 95, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 17.603, 333.492 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(124, 95, 117) }
```

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

```
.border{ border-color:rgb(124, 95, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 95, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 95, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 95, 117);  
box-shadow:4px 4px 4px 4px rgb(124, 95,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 17.603, 333.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 95, 117) }
```

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

```
.background{ background-color: rgb(124, 95,  
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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