

Converting Colors

CIELCh(44, 15.748, 328.468)

Have a look what the booklet for
CIELCh(44, 15.748, 328.468)
contains.

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Color

CIELCh(44, 15.623, 327.920)

Conversions

Conversions Part 1

Format	Color
Hex	786176
RGB	120, 97, 118
RGB Percent	47%, 38%, 46%
CMY	0.5296, 0.6198, 0.5374
CMYK	0.00, 0.19, 0.02, 0.53
HSL	305°, 11%, 43%
HSV	305°, 19%, 47%
XYZ	15.2776, 13.8382, 18.9916
YIQ	106.2710, 6.9670, 11.4070

Conversions

Conversions Part 2

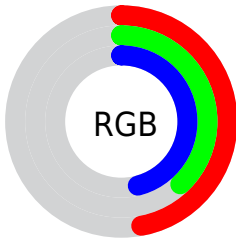
Format	Color
R_{YB}	120, 97, 118
Decimal	7889270
CIE Lab	44.00, 13.24, -8.30
CIE LCh	44, 15.623, 327.920
Yxy	13.8382, 0.3176, 0.2877
Android (android.graphics.Color)	4286079350 (0xFF786176)
YUV	106.2710, 5.7824, 12.0403
Hunter-Lab	37.1997, 8.2089, -4.2296

Details

The CIELCh color $44, 15.623, 327.920$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 15.598, 145.696$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 15.280, 327.543$, and $24, 16.054, 327.210$ is the 20% darker color. If you saturate the color by 10%, you get $41, 23.771, 328.479$, and if you desaturate by 10%, it is $47, 7.441, 327.354$.

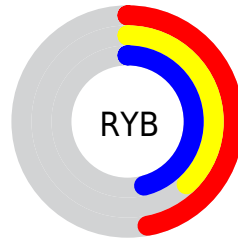
Distribution



Red (47%)

Green (38%)

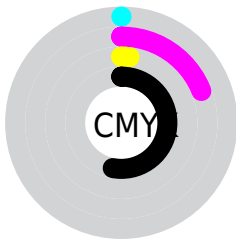
Blue (46%)



Red (47%)

Yellow (38%)

Blue (46%)

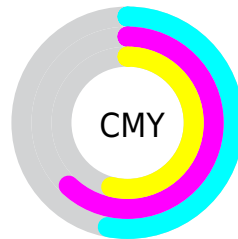


Cyan (0%)

Magenta (19%)

Yellow (2%)

Black (53%)



Cyan (53%)


Magenta (62%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 15.623, 327.920 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, 15.623, 327.920 by changing the saturation by 10% instead.


 44, 15.623,
327.920


 44, 15.623,
327.920


 100, 15.623,
327.920


 34, 15.623,
327.920

 64, 15.623,
327.920


 24, 15.623,
327.920

 74, 15.623,
327.920

 14, 15.623,
327.920


 84, 15.623,
327.920

 4, 15.623, 327.920

 94, 15.623,
327.920

 0, 15.623, 327.920

 44, 15.623,

 44, 15.623,

327.920

327.920

41, 23.771,
328.479

47, 7.441, 327.354

38, 31.729,
329.031

51, 0.661, 147.127

35, 39.280,
329.567

54, 8.612, 146.331

33, 46.152,
330.081

58, 16.369,
145.812

31, 52.039,
330.565

61, 23.910,
145.320

29, 56.645,
331.016

65, 31.227,
144.854

28, 59.759,
331.439

68, 38.321,
144.413

27, 61.789,
331.841

72, 45.197,
143.997

76, 51.866,

■ 27, 61.958,
331.874

143.606

Harmonies

Complementary

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



44, 15.623, 327.920



48, 15.598, 145.696

Rectangle

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



44, 15.623, 327.920



44, 15.623, 17.920



44, 15.623, 147.920



44, 15.623, 197.920

Sweetspot

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



44, 15.621, 327.920



62, 6.011, 327.176



42, 13.953, 295.199



32, 4.020, 327.206



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, 15.621, 327.920



55, 23.199, 328.167



44, 11.165, 350.104



24, 4.646, 327.350



28, 63.781, 331.891



59, 106.987, 332.107

Inverse Universe

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



44, 15.621, 327.920



55, 23.199, 328.167



48, 10.798, 166.743



24, 4.646, 327.350



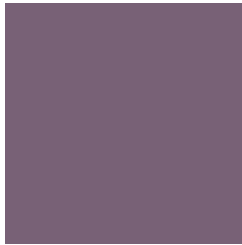
28, 63.781, 331.891



59, 106.987, 332.107

Previews

White Background



This preview shows how the CIELCh color 44, 15.623, 327.920 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, 15.623, 327.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

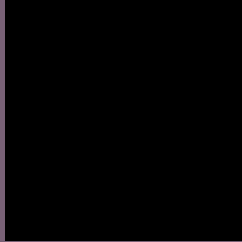
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 15.623, 327.920

Background



This preview shows how black text looks on a background with the CIELCh color 44, 15.623, 327.920.



This preview shows how white text looks on a background with the CIELCh color 44, 15.623, 327.920.

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, 15.623, 327.920

Protanopia

44, 11.402, 287.962

Deuteranopia

44, 10.038, 307.487



Tritanopia
44, 9.240, 349.525

Trichromacy



Original Color
44, 15.623, 327.920

Protanomaly
44, 12.355, 304.561

Deuteranomaly
44, 11.313, 316.492

Tritanomaly
44, 11.623, 339.016

Monochromacy



Original Color
44, 15.623, 327.920

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 5.336, 328.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 15.623, 327.920 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(120, 97, 118)` looks like.

```
.text, #text, p{  
    color:rgb(120, 97, 118)  
}
```

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(120, 97, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 97, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 15.623, 327.920 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(120, 97, 118) }
```

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

```
.border{ border-color:rgb(120, 97, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 97, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 97, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 97, 118);  
box-shadow:4px 4px 4px 4px rgb(120, 97,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 15.623, 327.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 97, 118) }
```

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

```
.background{ background-color: rgb(120, 97,  
118) }
```

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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