

Converting Colors

CIELCh(44, 17.274, 328.931)

Have a look what the booklet for
CIELCh(44, 17.274, 328.931)
contains.

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Color

CIELCh(44, 17.274, 328.931)

Conversions

Conversions Part 1

Format	Color
Hex	7A6077
RGB	122, 96, 119
RGB Percent	48%, 38%, 47%
CMY	0.5215, 0.6235, 0.5333
CMYK	0.00, 0.21, 0.02, 0.52
HSL	307°, 12%, 43%
HSV	307°, 21%, 48%
XYZ	15.5419, 13.8382, 19.3081
YIQ	106.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

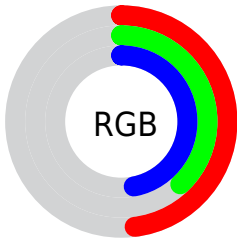
Format	Color
R_{YB}	122, 96, 119
Decimal	8020087
CIE _{Lab}	44.00, 14.80, -8.91
CIE _{LCh}	44, 17.274, 328.931
Yxy	13.8382, 0.3192, 0.2842
Android (android.graphics.Color)	4286210167 (0xFF7A6077)
YUV	106.3960, 6.2138, 13.6847
Hunter-Lab	37.1997, 9.4769, -4.7339

Details

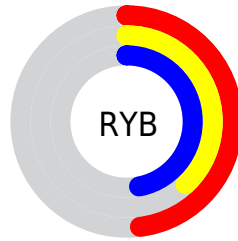
The CIELCh color $44, 17.274, 328.931$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 17.239, 146.382$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 17.065, 329.540$, and $24, 17.808, 328.458$ is the 20% darker color. If you saturate the color by 10%, you get $41, 25.354, 329.509$, and if you desaturate by 10%, it is $47, 9.132, 328.353$.

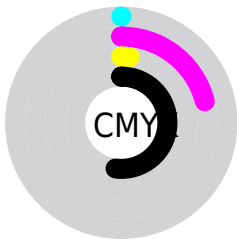
Distribution



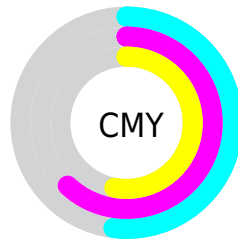
- Red (48%)
- Green (38%)
- Blue (47%)



- Red (48%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (52%)





- Cyan (52%)
- Magenta (62%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 17.274, 328.931 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, 17.274, 328.931 by changing the saturation by 10% instead.


 44, 17.274,
328.931


 44, 17.274,
328.931


 100, 17.274,
328.931


 34, 17.274,
328.931

 64, 17.274,
328.931


 24, 17.274,
328.931

 74, 17.274,
328.931

 14, 17.274,
328.931


 84, 17.274,
328.931

 4, 17.274, 328.931

 94, 17.274,
328.931

 0, 17.274, 328.931

 44, 17.274,

 44, 17.274,

328.931

41, 25.354,
329.509

38, 33.206,
330.083

35, 40.597,
330.649

33, 47.243,
331.202

31, 52.828,
331.738

29, 57.061,
332.262

28, 59.750,
332.781

27, 61.376,
333.229

328.931

47, 9.132, 328.353

51, 1.054, 327.629

54, 6.885, 147.306

58, 14.638,
146.770

61, 22.179,
146.266

65, 29.498,
145.789

69, 36.595,
145.337

72, 43.476,
144.911

76, 50.150,

Harmonies

Complementary

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



44, 17.274, 328.931



49, 17.239, 146.382

Rectangle

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



44, 17.274, 328.931



44, 17.274, 18.931



44, 17.274, 148.931



44, 17.274, 198.931

Sweetspot

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



44, 17.272, 328.931



63, 5.972, 328.045



42, 15.803, 296.021



32, 3.941, 328.075



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, 17.272, 328.931



54, 26.059, 329.238



44, 12.498, 351.370



24, 4.554, 328.222



28, 62.421, 333.242



58, 104.587, 333.547

Inverse Universe

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



44, 17.272, 328.931



54, 26.059, 329.238



49, 12.009, 167.531



24, 4.554, 328.222



28, 62.421, 333.242



58, 104.587, 333.547

Previews

White Background



This preview shows how the CIELCh color 44, 17.274, 328.931 looks on a white background.

Color Contrast Check

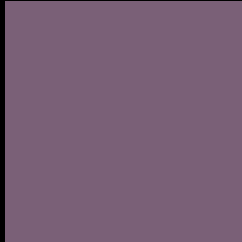
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.274, 328.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

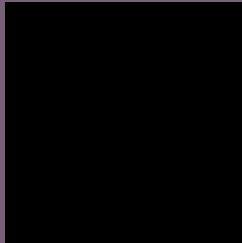
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 17.274, 328.931

Background



This preview shows how black text looks on a background with the CIELCh color 44, 17.274, 328.931.



This preview shows how white text looks on a background with the CIELCh color 44, 17.274, 328.931.

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, 17.274, 328.931

Protanopia

44, 12.616, 286.818

Deuteranopia

44, 10.614, 306.622



Tritanopia
44, 10.359, 353.386

Trichromacy



Original Color
44, 17.274, 328.931

Protanomaly
44, 13.629, 305.133

Deuteranomaly
44, 12.743, 317.533

Tritanomaly
44, 12.942, 340.916

Monochromacy



Original Color
44, 17.274, 328.931

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 6.784, 327.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 17.274, 328.931 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, 96, 119)` looks like.

```
.text, #text, p{  
    color:rgb(122, 96, 119)  
}
```

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, 96, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 96, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 17.274, 328.931 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, 96, 119) }
```

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

```
.border{ border-color:rgb(122, 96, 119) }
```

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

Here you see how a box with a 4 pixel rgb(122, 96, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 96, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 96, 119);  
box-shadow:4px 4px 4px 4px rgb(122, 96,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 17.274, 328.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 96, 119) }
```

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

```
.background{ background-color: rgb(122, 96,  
119) }
```

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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