

Converting Colors

CIELCh(44, 16.849, 323.728)

Have a look what the booklet for
CIELCh(44, 16.849, 323.728)
contains.

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Color

CIELCh(44, 16.860, 323.109)

Conversions

Conversions Part 1

Format	Color
Hex	776179
RGB	119, 97, 121
RGB Percent	47%, 38%, 47%
CMY	0.5335, 0.6198, 0.5257
CMYK	0.02, 0.20, 0.00, 0.53
HSL	295°, 11%, 43%
HSV	295°, 20%, 47%
XYZ	15.3193, 13.8382, 19.9367
YIQ	106.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

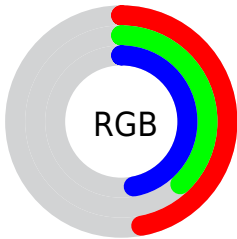
Format	Color
R_{YB}	119, 97, 121
Decimal	7823737
CIE _{Lab}	44.00, 13.48, -10.12
CIE _{LCh}	44, 16.860, 323.109
Yxy	13.8382, 0.3120, 0.2819
Android (android.graphics.Color)	4286013817 (0xFF776179)
YUV	106.3140, 7.2402, 11.1256
Hunter-Lab	37.1997, 8.4087, -5.7358

Details

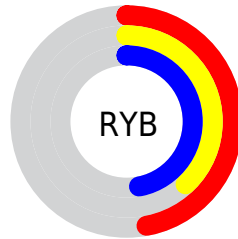
The CIELCh color $44, 16.860, 323.109$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 16.794, 141.113$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 16.435, 322.968$, and $24, 16.905, 323.296$ is the 20% darker color. If you saturate the color by 10%, you get $41, 25.391, 323.578$, and if you desaturate by 10%, it is $47, 8.317, 322.625$.

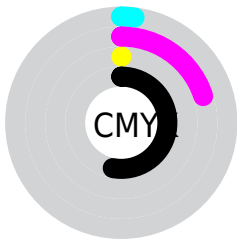
Distribution



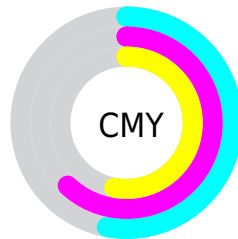
- Red (47%)
- Green (38%)
- Blue (47%)



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



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (53%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 16.860, 323.109 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, 16.860, 323.109 by changing the saturation by 10% instead.


 44, 16.860,
323.109


 44, 16.860,
323.109


 100, 16.860,
323.109


 34, 16.860,
323.109

 64, 16.860,
323.109


 24, 16.860,
323.109

 74, 16.860,
323.109

 14, 16.860,
323.109


 84, 16.860,
323.109

 4, 16.860, 323.109

 94, 16.860,
323.109

 0, 16.860, 323.109

 44, 16.860,

 44, 16.860,

323.109

41, 25.391,
323.578

38, 33.762,
324.022

35, 41.761,
324.424

32, 49.116,
324.763

30, 55.515,
325.015

28, 60.641,
325.157

27, 64.253,
325.171

26, 66.845,
325.103

323.109

47, 8.317, 322.625

51, 0.129, 143.454

54, 8.413, 141.735

58, 16.495,
141.284

62, 24.356,
140.861

65, 31.986,
140.463

69, 39.387,
140.091

72, 46.564,
139.745

76, 53.527,

■ 26, 66.888,
325.103

139.425

Harmonies

Complementary

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



44, 16.860, 323.109



48, 16.794, 141.113

Rectangle

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



44, 16.860, 323.109



44, 16.860, 13.109



44, 16.860, 143.109



44, 16.860, 193.109

Sweetspot

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



44, 16.858, 323.109



63, 6.300, 322.439



43, 13.038, 288.078



32, 4.157, 322.464



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, 16.858, 323.109



55, 25.424, 323.334



44, 13.088, 340.101



24, 4.805, 322.587



27, 68.470, 325.092



56, 115.303, 324.927

Inverse Universe

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



44, 10.344, 14.164



54, 15.815, 14.685



49, 12.903, 157.112



24, 2.865, 13.125



25, 57.748, 34.796



53, 100.315, 37.425

Previews

White Background



This preview shows how the CIELCh color 44, 16.860, 323.109 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 44, 16.860, 323.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

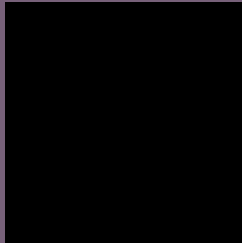
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 16.860, 323.109

Background



This preview shows how black text looks on a background with the CIELCh color 44, 16.860, 323.109.



This preview shows how white text looks on a background with the CIELCh color 44, 16.860, 323.109.

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, 16.860, 323.109

Protanopia

44, 13.240, 285.550

Deuteranopia

44, 11.004, 301.877



Tritanopia
44, 8.884, 348.049

Trichromacy



Original Color
44, 16.860, 323.109

Protanomaly
44, 13.979, 299.965

Deuteranomaly
44, 12.814, 311.489

Tritanomaly
44, 11.727, 335.390

Monochromacy



Original Color
44, 16.860, 323.109

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 5.816, 324.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 16.860, 323.109 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(119, 97, 121)` looks like.

```
.text, #text, p{  
    color:rgb(119, 97, 121)  
}
```

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(119, 97, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 97, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 16.860, 323.109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

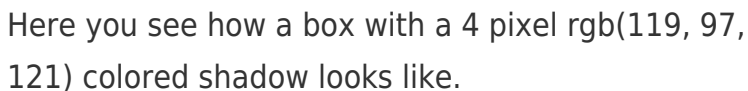
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 97, 121) }
```

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

```
.border{ border-color:rgb(119, 97, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 97, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 97, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 97, 121); box-shadow:4px 4px 4px 4px rgb(119, 97, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 16.860, 323.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 97, 121) }
```

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

```
.background{ background-color: rgb(119, 97,  
121) }
```

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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