

Converting Colors

CIELCh(44, 16.408, 324.237)

Have a look what the booklet for
CIELCh(44, 16.408, 324.237)
contains.

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Color

CIELCh(44, 16.364, 324.215)

Conversions

Conversions Part 1

Format	Color
Hex	776178
RGB	119, 97, 120
RGB Percent	47%, 38%, 47%
CMY	0.5332, 0.6194, 0.5293
CMYK	0.01, 0.19, 0.00, 0.53
HSL	297°, 11%, 43%
HSV	297°, 19%, 47%
XYZ	15.2839, 13.8382, 19.6473
YIQ	106.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

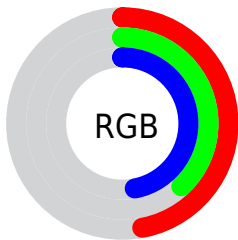
Format	Color
R_{YB}	119, 97, 120
Decimal	7823736
CIE _{Lab}	44.00, 13.27, -9.57
CIE _{LCh}	44, 16.364, 324.215
Yxy	13.8382, 0.3134, 0.2837
Android (android.graphics.Color)	4286013816 (0xFF776178)
YUV	106.2000, 6.8034, 11.2256
Hunter-Lab	37.1997, 8.2390, -5.2745

Details

The CIELCh color $44, 16.364, 324.215$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 16.325, 142.196$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 15.971, 324.027$, and $24, 16.905, 323.296$ is the 20% darker color. If you saturate the color by 10%, you get $41, 24.920, 324.706$, and if you desaturate by 10%, it is $47, 7.785, 323.708$.

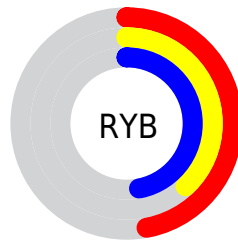
Distribution



Red (47%)

Green (38%)

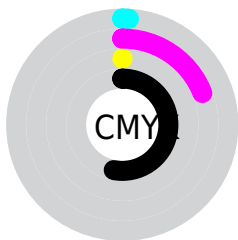
Blue (47%)



Red (47%)

Yellow (38%)

Blue (47%)

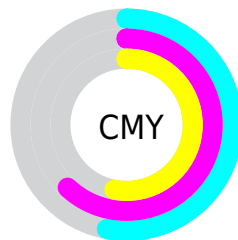


Cyan (1%)

Magenta (19%)

Yellow (0%)

Black (53%)



Cyan (53%)


Magenta (62%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 16.364, 324.215 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, 16.364, 324.215 by changing the saturation by 10% instead.


 44, 16.364,
324.215


 44, 16.364,
324.215


 100, 16.364,
324.215


 34, 16.364,
324.215

 64, 16.364,
324.215


 24, 16.364,
324.215

 74, 16.364,
324.215

 14, 16.364,
324.215


 84, 16.364,
324.215

 4, 16.364, 324.215

 94, 16.364,
324.215

 0, 16.364, 324.215

 44, 16.364,

 44, 16.364,

324.215

41, 24.920,
324.706

38, 33.301,
325.173

35, 41.289,
325.601

33, 48.614,
325.972

30, 54.967,
326.268

29, 60.048,
326.469

28, 63.633,
326.565

27, 66.127,
326.585

324.215

47, 7.785, 323.708

51, 0.702, 143.480

54, 9.029, 142.774

58, 17.153,
142.300

61, 25.050,
141.853

65, 32.713,
141.431

68, 40.141,
141.034

72, 47.339,
140.663

76, 54.317,

■ 27, 66.338,
326.587

140.318

Harmonies

Complementary

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



44, 16.364, 324.215



48, 16.325, 142.196

Rectangle

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



44, 16.364, 324.215



44, 16.364, 14.215



44, 16.364, 144.215



44, 16.364, 194.215

Sweetspot

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



44, 16.362, 324.215



62, 6.294, 323.548



42, 13.202, 290.208



32, 4.208, 323.575



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, 16.362, 324.215



55, 24.307, 324.433



44, 12.139, 342.546



24, 4.864, 323.704



28, 68.276, 326.580



58, 114.949, 326.492

Inverse Universe

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



43, 9.893, 17.241



54, 14.905, 17.685



48, 11.923, 159.535



24, 2.853, 16.343



25, 58.836, 36.445



53, 102.119, 38.810

Previews

White Background



This preview shows how the CIELCh color 44, 16.364, 324.215 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, 16.364, 324.215 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, 16.364, 324.215

Background



This preview shows how black text looks on a background with the CIELCh color 44, 16.364, 324.215.



This preview shows how white text looks on a background with the CIELCh color 44, 16.364, 324.215.

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, 16.364, 324.215

Protanopia

44, 12.616, 286.818

Deuteranopia

44, 10.416, 302.419



Tritanopia
44, 8.884, 348.049

Trichromacy



Original Color
44, 16.364, 324.215

Protanomaly
44, 13.449, 301.897

Deuteranomaly
44, 12.256, 312.426

Tritanomaly
44, 11.727, 335.390

Monochromacy



Original Color
44, 16.364, 324.215

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, 16.364, 324.215 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 97, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 97, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 16.364, 324.215 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, 120) }
```

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

```
.border{ border-color:rgb(119, 97, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 97, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 97, 120);  
box-shadow:4px 4px 4px 4px rgb(119, 97,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 16.364, 324.215 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, 120) }
```

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

```
.background{ background-color: rgb(119, 97,  
120) }
```

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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