

Converting Colors

CIELCh(44, 16.619, 321.152)

Have a look what the booklet for
CIELCh(44, 16.619, 321.152)
contains.

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Color

CIELCh(44, 16.665, 321.893)

Conversions

Conversions Part 1

Format	Color
Hex	766179
RGB	118, 97, 121
RGB Percent	46%, 38%, 47%
CMY	0.5364, 0.6188, 0.5247
CMYK	0.02, 0.20, 0.00, 0.52
HSL	293°, 11%, 43%
HSV	293°, 20%, 48%
XYZ	15.2566, 13.8382, 20.0229
YIQ	106.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

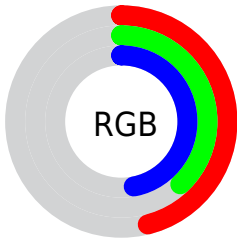
Format	Color
R_{YB}	118, 97, 121
Decimal	7758201
CIE Lab	44.00, 13.11, -10.28
CIE LCh	44, 16.665, 321.893
Yxy	13.8382, 0.3106, 0.2817
Android (android.graphics.Color)	4285948281 (0xFF766179)
YUV	106.0150, 7.3876, 10.5108
Hunter-Lab	37.1997, 8.1082, -5.8733

Details

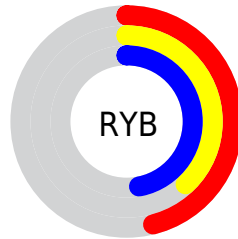
The CIELCh color $44, 16.665, 321.893$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 16.571, 139.997$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 16.246, 321.813$, and $24, 16.710, 321.947$ is the 20% darker color. If you saturate the color by 10%, you get $41, 25.139, 322.344$, and if you desaturate by 10%, it is $47, 8.200, 321.429$.

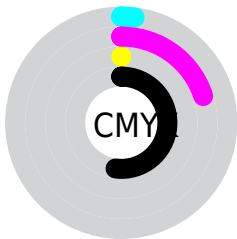
Distribution



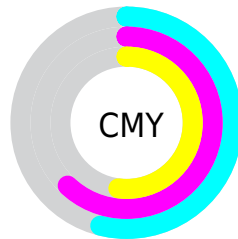
- Red (46%)
- Green (38%)
- Blue (47%)



- Red (46%)
- Yellow (38%)
- Blue (47%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (52%)




- Cyan (54%)
- Magenta (62%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 16.665, 321.893 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, 16.665, 321.893 by changing the saturation by 10% instead.

 44, 16.665,
321.893


 44, 16.665,
321.893


 100, 16.665,
321.893


 34, 16.665,
321.893

 64, 16.665,
321.893


 24, 16.665,
321.893

 74, 16.665,
321.893

 14, 16.665,
321.893


 84, 16.665,
321.893

 4, 16.665, 321.893

 94, 16.665,
321.893

 0, 16.665, 321.893

 44, 16.665,

 44, 16.665,

321.893

41, 25.139,
322.344

37, 33.485,
322.770

35, 41.501,
323.154

32, 48.922,
323.470

30, 55.432,
323.691

28, 60.702,
323.788

26, 64.462,
323.736

25, 67.194,
323.588

321.893

47, 8.200, 321.429

51, 0.156, 142.013

55, 8.345, 140.581

58, 16.332,
140.154

62, 24.100,
139.756

65, 31.644,
139.384

69, 38.964,
139.038

73, 46.067,
138.718

76, 52.962,

■ 25, 67.248,
323.586

138.423

Harmonies

Complementary

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



44, 16.665, 321.893



49, 16.571, 139.997

Rectangle

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



44, 16.665, 321.893



44, 16.665, 11.893



44, 16.665, 141.893



44, 16.665, 191.893

Sweetspot

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



44, 16.663, 321.893



63, 6.221, 321.252



43, 12.560, 286.458



32, 4.105, 321.276



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, 16.663, 321.893



55, 25.142, 322.111



44, 13.391, 338.525



24, 4.746, 321.394



26, 68.736, 323.572



54, 115.788, 323.330

Inverse Universe

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



44, 10.391, 10.897



54, 15.865, 11.445



49, 13.234, 155.635



24, 2.886, 9.803



25, 56.477, 32.680



53, 97.934, 35.421

Previews

White Background



This preview shows how the CIELCh color 44, 16.665, 321.893 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, 16.665, 321.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

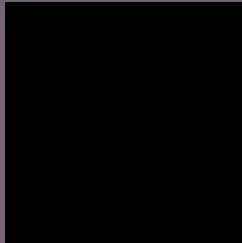
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 16.665, 321.893

Background



This preview shows how black text looks on a background with the CIELCh color 44, 16.665, 321.893.



This preview shows how white text looks on a background with the CIELCh color 44, 16.665, 321.893.

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, 16.665, 321.893

Protanopia

44, 13.240, 285.550

Deuteranopia

44, 11.004, 301.877



Tritanopia
44, 7.860, 348.308

Trichromacy



Original Color
44, 16.665, 321.893

Protanomaly
44, 13.979, 299.965

Deuteranomaly
44, 12.814, 311.489

Tritanomaly
44, 10.728, 334.373

Monochromacy



Original Color
44, 16.665, 321.893

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 6.116, 318.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 16.665, 321.893 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(118, 97, 121)` looks like.

```
.text, #text, p{  
    color:rgb(118, 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(118, 97, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 97, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 16.665, 321.893 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(118, 97, 121) }
```

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

```
.border{ border-color:rgb(118, 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(118, 97, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 97, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 97, 121);  
box-shadow:4px 4px 4px 4px rgb(118, 97,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 16.665, 321.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 97, 121) }
```

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

```
.background{ background-color: rgb(118, 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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