

Converting Colors

CIELCh(43, 16.764, 305.587)

Have a look what the booklet for
CIELCh(43, 16.764, 305.587)
contains.

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Color

CIELCh(43, 16.793, 305.596)

Conversions

Conversions Part 1

Format	Color
Hex	6B617C
RGB	107, 97, 124
RGB Percent	42%, 38%, 49%
CMY	0.5800, 0.6192, 0.5133
CMYK	0.14, 0.22, 0.00, 0.51
HSL	262°, 12%, 43%
HSV	262°, 22%, 49%
XYZ	14.0042, 13.1578, 20.9051
YIQ	103.0680, -2.7070, 10.5170

Conversions

Conversions Part 2

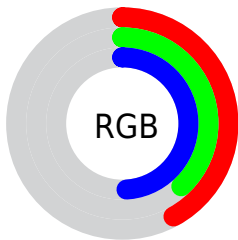
Format	Color
RYB	107, 97, 124
Decimal	7037308
CIELab	43.00, 9.77, -13.66
CIElCh	43, 16.793, 305.596
Yxy	13.1578, 0.2913, 0.2737
Android (android.graphics.Color)	4285227388 (0xFF6B617C)
YUV	103.0680, 10.3195, 3.4484
Hunter-Lab	36.2736, 5.4350, -8.7783

Details

The CIELCh color $43, 16.793, 305.596$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $51, 16.190, 123.334$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 16.796, 305.621$, and $23, 16.429, 304.868$ is the 20% darker color. If you saturate the color by 10%, you get $39, 24.881, 306.234$, and if you desaturate by 10%, it is $47, 8.934, 305.014$.

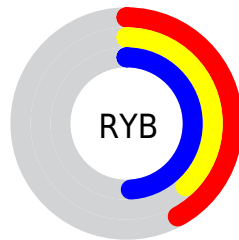
Distribution



Red (42%)

Green (38%)

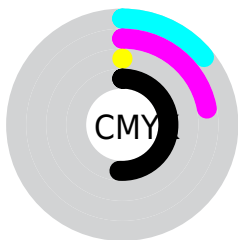
Blue (49%)



Red (42%)

Yellow (38%)

Blue (49%)

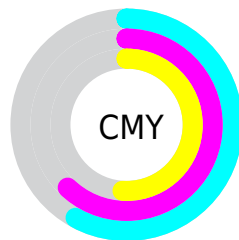


Cyan (14%)

Magenta (22%)

Yellow (0%)

Black (51%)



Cyan (58%)


Magenta (62%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 16.793, 305.596 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 43, 16.793, 305.596 by changing the saturation by 10% instead.


 43, 16.793,
305.596


 43, 16.793,
305.596


 100, 16.793,
305.596


 33, 16.793,
305.596

 63, 16.793,
305.596


 23, 16.793,
305.596

 73, 16.793,
305.596

 13, 16.793,
305.596


 83, 16.793,
305.596

 3, 16.793, 305.596

 93, 16.793,
305.596

 0, 16.793, 305.596

 43, 16.793,

 43, 16.793,

305.596

39, 24.881,
306.234

35, 33.161,
306.924

31, 41.547,
307.644

27, 49.873,
308.356

23, 57.849,
308.993

20, 65.007,
309.454

18, 70.721,
309.607

16, 74.895,
309.714

305.596

47, 8.934, 305.014

51, 1.320, 304.463

55, 6.048, 124.053

60, 13.179,
123.647

64, 20.081,
123.295

68, 26.766,
122.989

72, 33.247,
122.724

76, 39.536,
122.496

80, 45.644,

Harmonies

Complementary

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



43, 16.793, 305.596



51, 16.190, 123.334

Rectangle

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



43, 16.793, 305.596



43, 16.793, 355.596



43, 16.793, 125.596



43, 16.793, 175.596

Sweetspot

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



43, 16.792, 305.595



63, 6.523, 304.765



47, 8.567, 242.242



32, 4.274, 304.788



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 16.792, 305.595



53, 24.967, 305.899



44, 18.639, 321.737



24, 4.213, 304.866



16, 75.267, 309.706



37, 127.517, 309.164

Inverse Universe

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



44, 14.977, 338.855



55, 22.140, 339.251



50, 18.520, 139.648



24, 3.800, 337.870



26, 52.586, 349.401



55, 87.649, 350.986

Previews

White Background



This preview shows how the CIELCh color 43, 16.793, 305.596 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 43, 16.793, 305.596 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 43, 16.793, 305.596

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.793, 305.596.



This preview shows how white text looks on a background with the CIELCh color 43, 16.793, 305.596.

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

43, 16.793, 305.596

Protanopia

43, 15.734, 284.376

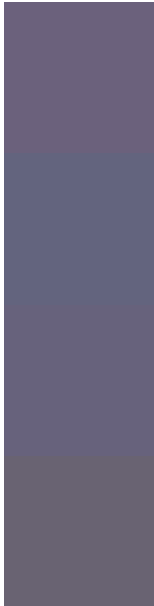
Deuteranopia

43, 15.088, 293.766



Tritanopia
43, 5.108, 309.363

Trichromacy



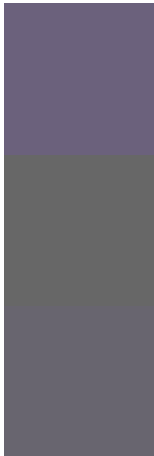
Original Color
43, 16.793, 305.596

Protanomaly
43, 15.650, 291.051

Deuteranomaly
43, 15.839, 299.270

Tritanomaly
43, 9.386, 306.138

Monochromacy



Original Color
43, 16.793, 305.596

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 6.154, 302.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.793, 305.596 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(107, 97, 124)` looks like.

```
.text, #text, p{  
    color:rgb(107, 97, 124)  
}
```

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(107, 97, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 97, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.793, 305.596 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(107, 97, 124) }
```

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

```
.border{ border-color:rgb(107, 97, 124) }
```

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

Here you see how a box with a 4 pixel rgb(107, 97, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 97, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 97, 124);  
box-shadow:4px 4px 4px 4px rgb(107, 97,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.793, 305.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 97, 124) }
```

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

```
.background{ background-color: rgb(107, 97,  
124) }
```

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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