

Converting Colors

CIELCh(43, 17.103, 286.526)

Have a look what the booklet for
CIELCh(43, 17.103, 286.526)
contains.

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Color

CIELCh(43, 16.914, 286.404)

Conversions

Conversions Part 1

Format	Color
Hex	5F6480
RGB	95, 100, 128
RGB Percent	37%, 39%, 50%
CMY	0.6267, 0.6071, 0.4973
CMYK	0.26, 0.22, 0.00, 0.50
HSL	231°, 15%, 44%
HSV	231°, 26%, 50%
XYZ	13.2241, 13.1578, 22.3337
YIQ	101.6970, -11.9680, 7.6480

Conversions

Conversions Part 2

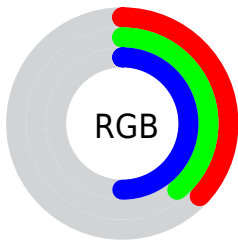
Format	Color
R_{YB}	95, 99, 128
Decimal	6251648
CIE Lab	43.00, 4.78, -16.23
CIE LCh	43, 16.914, 286.404
Yxy	13.1578, 0.2715, 0.2701
Android (android.graphics.Color)	4284441728 (0xFF5F6480)
YUV	101.6970, 12.9674, -5.8733
Hunter-Lab	36.2736, 1.5959, -11.1133

Details

The CIELCh color $43, 16.914, 286.404$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $51, 16.299, 100.422$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 16.843, 286.004$, and $23, 16.744, 286.027$ is the 20% darker color. If you saturate the color by 10%, you get $39, 23.877, 288.035$, and if you desaturate by 10%, it is $47, 10.181, 285.002$.

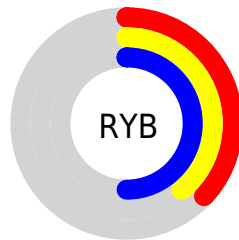
Distribution



Red (37%)

Green (39%)

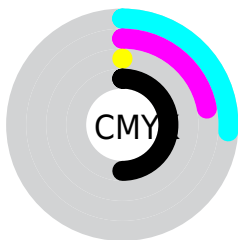
Blue (50%)



Red (37%)

Yellow (39%)

Blue (50%)

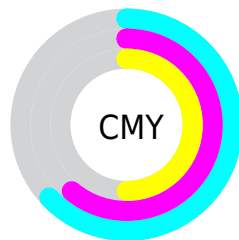


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (50%)



Cyan (63%)


Magenta (61%)


Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 16.914, 286.404 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, 16.914, 286.404 by changing the saturation by 10% instead.


 43, 16.914,
286.404


 43, 16.914,
286.404


 100, 16.914,
286.404


 33, 16.914,
286.404

 63, 16.914,
286.404


 23, 16.914,
286.404

 73, 16.914,
286.404

 13, 16.914,
286.404


 83, 16.914,
286.404

 3, 16.914, 286.404

 93, 16.914,
286.404

 0, 16.914, 286.404

 43, 16.914,

 43, 16.914,

286.404

286.404

■ 39, 23.877,
288.035

■ 47, 10.181,
285.002

■ 35, 31.094,
289.928

■ 51, 3.662, 283.812

■ 31, 38.575,
292.097

■ 55, 2.658, 102.710

■ 60, 8.793, 101.835

■ 27, 46.308,
294.530

■ 64, 14.753,
101.057

■ 23, 54.204,
297.159

■ 68, 20.548,
100.375

■ 20, 62.010,
299.838

■ 72, 26.186, 99.775

■ 17, 69.219,
302.307

■ 76, 31.674, 99.244

■ 79, 37.020, 98.772

■ 16, 71.971,
303.148

Harmonies

Complementary

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



43, 16.914, 286.404



51, 16.299, 100.422

Rectangle

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



43, 16.914, 286.404



43, 16.914, 336.404



43, 16.914, 106.404



43, 16.914, 156.404

Sweetspot

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



43, 16.913, 286.403



64, 6.310, 284.081



51, 12.944, 183.662



33, 4.528, 284.234



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 16.913, 286.403



52, 25.373, 287.346



43, 20.439, 304.577



25, 3.592, 284.186



16, 71.656, 303.135



0, 0.000, 0.000

Inverse Universe

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



44, 14.439, 9.559



54, 21.766, 10.349



52, 19.512, 121.686



25, 3.007, 7.727



26, 56.421, 31.091



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 43, 16.914, 286.404 looks on a white background.

Color Contrast Check

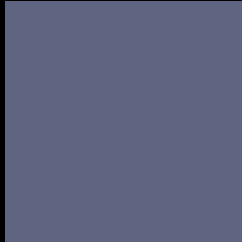
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.914, 286.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

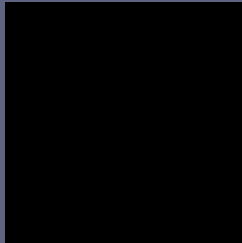
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 16.914, 286.404

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.914, 286.404.



This preview shows how white text looks on a background with the CIELCh color 43, 16.914, 286.404.

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

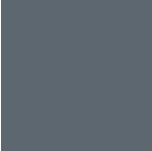
43, 16.914, 286.404

Protanopia

43, 16.947, 285.199

Deuteranopia

43, 16.867, 288.846



Tritanopia
43, 6.359, 248.482

Trichromacy



Original Color
43, 16.914, 286.404

Protanomaly
43, 16.947, 285.199

Deuteranomaly
43, 16.887, 287.620

Tritanomaly
43, 9.566, 270.478

Monochromacy



Original Color
43, 16.914, 286.404

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.627, 287.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.914, 286.404 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(95, 100, 128)` looks like.

```
.text, #text, p{  
    color:rgb(95, 100, 128)  
}
```

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(95, 100, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 100, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.914, 286.404 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(95, 100, 128) }
```

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

```
.border{ border-color:rgb(95, 100, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 100, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 100, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 100, 128);  
box-shadow:4px 4px 4px 4px rgb(95, 100,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.914, 286.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 100, 128) }
```

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

```
.background{ background-color: rgb(95, 100,  
128) }
```

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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