

Converting Colors

CIELCh(43, 12.166, 298.861)

Have a look what the booklet for
CIELCh(43, 12.166, 298.861)
contains.

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Color

CIELCh(43, 12.187, 299.193)

Conversions

Conversions Part 1

Format	Color
Hex	676377
RGB	103, 99, 119
RGB Percent	40%, 39%, 47%
CMY	0.5958, 0.6115, 0.5331
CMYK	0.13, 0.17, 0.00, 0.53
HSL	252°, 9%, 43%
HSV	252°, 17%, 47%
XYZ	13.4037, 13.1578, 19.3082
YIQ	102.4760, -4.0360, 7.0680

Conversions

Conversions Part 2

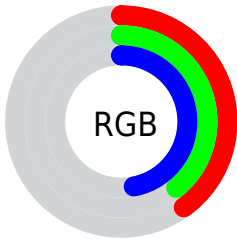
Format	Color
R_{YB}	103, 99, 119
Decimal	6775671
CIE _{Lab}	43.00, 5.94, -10.64
CIE _{LCh}	43, 12.187, 299.193
Yxy	13.1578, 0.2922, 0.2869
Android (android.graphics.Color)	4284965751 (0xFF676377)
YUV	102.4760, 8.1463, 0.4595
Hunter-Lab	36.2736, 2.4796, -6.1681

Details

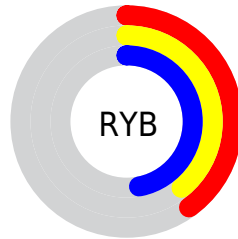
The CIELCh color $43, 12.187, 299.193$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 11.778, 116.903$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 11.881, 298.521$, and $23, 12.117, 298.600$ is the 20% darker color. If you saturate the color by 10%, you get $39, 19.798, 300.047$, and if you desaturate by 10%, it is $47, 4.846, 298.442$.

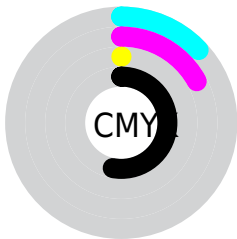
Distribution



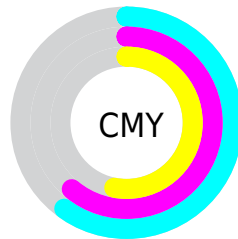
- Red (40%)
- Green (39%)
- Blue (47%)



- Red (40%)
- Yellow (39%)
- Blue (47%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (53%)




- Cyan (60%)
- Magenta (61%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 12.187, 299.193 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, 12.187, 299.193 by changing the saturation by 10% instead.


 43, 12.187,
299.193


 43, 12.187,
299.193


 100, 12.187,
299.193


 33, 12.187,
299.193

 63, 12.187,
299.193


 23, 12.187,
299.193

 73, 12.187,
299.193

 13, 12.187,
299.193

 83, 12.187,
299.193

 3, 12.187, 299.193

 93, 12.187,
299.193

 0, 12.187, 299.193

 43, 12.187,

 43, 12.187,

299.193

39, 19.798,
300.047

35, 27.682,
301.016

30, 35.814,
302.095

26, 44.117,
303.266

22, 52.415,
304.476

19, 60.353,
305.626

16, 67.311,
306.558

14, 72.891,
307.228

299.193

47, 4.846, 298.442

51, 2.232, 117.797

56, 9.061, 117.231

60, 15.657,
116.743

64, 22.032,
116.321

68, 28.202,
115.957

72, 34.179,
115.641

76, 39.976,
115.369

80, 45.603,

■ 13,74.766,
307.531

115.133

Harmonies

Complementary

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



43, 12.187, 299.193



49, 11.778, 116.903

Rectangle

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



43, 12.187, 299.193



43, 12.187, 349.193



43, 12.187, 119.193



43, 12.187, 169.193

Sweetspot

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



43, 12.186, 299.191



62, 4.425, 298.327



47, 6.605, 218.018



32, 3.045, 298.366



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 12.186, 299.191



54, 18.180, 299.496



44, 13.224, 315.870



22, 3.978, 298.600



13, 76.282, 307.509



33, 130.036, 307.136

Inverse Universe

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



44, 12.564, 331.517



56, 18.642, 331.751



48, 13.052, 134.504



23, 4.140, 331.029



27, 57.784, 337.735



57, 97.191, 338.383

Previews

White Background



This preview shows how the CIELCh color 43, 12.187, 299.193 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, 12.187, 299.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

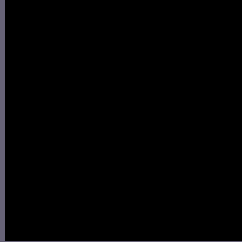
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 12.187, 299.193

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.187, 299.193.



This preview shows how white text looks on a background with the CIELCh color 43, 12.187, 299.193.

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, 12.187, 299.193

Protanopia

43, 11.465, 286.105

Deuteranopia

43, 12.187, 299.193



Tritanopia
43, 4.818, 290.885

Trichromacy



Original Color
43, 12.187, 299.193

Protanomaly
43, 12.049, 291.912

Deuteranomaly
43, 12.187, 299.193

Tritanomaly
43, 7.888, 297.066

Monochromacy



Original Color
43, 12.187, 299.193

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 4.234, 296.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.187, 299.193 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(103, 99, 119)` looks like.

```
.text, #text, p{  
    color:rgb(103, 99, 119)  
}
```

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(103, 99, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 99, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.187, 299.193 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(103, 99, 119) }
```

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

```
.border{ border-color:rgb(103, 99, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 99, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 99, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 99, 119);  
box-shadow:4px 4px 4px 4px rgb(103, 99,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.187, 299.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 99, 119) }
```

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

```
.background{ background-color: rgb(103, 99,  
119) }
```

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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