

Converting Colors

CIELCh(43, 12.522, 293.511)

Have a look what the booklet for
CIELCh(43, 12.522, 293.511)
contains.

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Color

CIELCh(43, 12.061, 293.729)

Conversions

Conversions Part 1

Format	Color
Hex	656478
RGB	101, 100, 120
RGB Percent	40%, 39%, 47%
CMY	0.6051, 0.6090, 0.5306
CMYK	0.16, 0.17, 0.00, 0.53
HSL	243°, 9%, 43%
HSV	243°, 17%, 47%
XYZ	13.2358, 13.1578, 19.5164
YIQ	102.5790, -5.8240, 6.4320

Conversions

Conversions Part 2

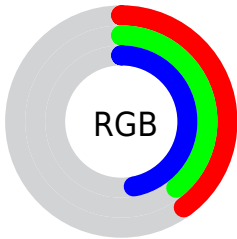
Format	Color
R_{YB}	101, 100, 120
Decimal	6644856
CIE _{Lab}	43.00, 4.85, -11.04
CIE _{LCh}	43, 12.061, 293.729
Yxy	13.1578, 0.2883, 0.2866
Android (android.graphics.Color)	4284834936 (0xFF656478)
YUV	102.5790, 8.5886, -1.3848
Hunter-Lab	36.2736, 1.6538, -6.5083

Details

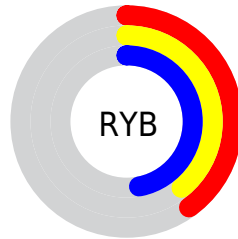
The CIELCh color $43, 12.061, 293.729$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 11.629, 110.727$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 11.768, 293.218$, and $23, 12.719, 294.733$ is the 20% darker color. If you saturate the color by 10%, you get $39, 19.665, 294.887$, and if you desaturate by 10%, it is $47, 4.749, 292.734$.

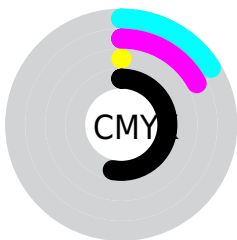
Distribution



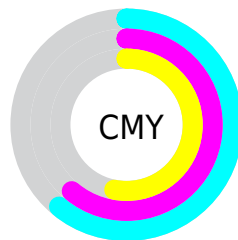
- Red (40%)
- Green (39%)
- Blue (47%)



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



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (53%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 12.061, 293.729 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, 12.061, 293.729 by changing the saturation by 10% instead.


 43, 12.061,
293.729


 43, 12.061,
293.729


 100, 12.061,
293.729


 33, 12.061,
293.729

 63, 12.061,
293.729


 23, 12.061,
293.729

 73, 12.061,
293.729

 13, 12.061,
293.729


 83, 12.061,
293.729

 3, 12.061, 293.729

 93, 12.061,
293.729

 0, 12.061, 293.729

 43, 12.061,

 43, 12.061,

293.729

39, 19.665,
294.887

34, 27.578,
296.231

30, 35.799,
297.770

26, 44.281,
299.490

22, 52.869,
301.335

18, 61.189,
303.174

15, 68.509,
304.783

13, 74.232,
306.052

293.729

47, 4.749, 292.734

52, 2.287, 111.859

56, 9.068, 111.136

60, 15.612,
110.507

65, 21.933,
109.964

69, 28.048,
109.493

73, 33.969,
109.085

77, 39.708,
108.730

81, 45.278,

■ 12,76.191,
306.534

108.419

Harmonies

Complementary

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



43, 12.061, 293.729



50, 11.629, 110.727

Rectangle

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



43, 12.061, 293.729



43, 12.061, 343.729



43, 12.061, 113.729



43, 12.061, 163.729

Sweetspot

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



43, 12.060, 293.727



61, 4.382, 292.593



49, 7.448, 201.668



32, 3.015, 292.643



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, 12.060, 293.727



53, 18.032, 294.147



44, 12.769, 310.929



22, 3.940, 292.950



12, 77.426, 306.527



32, 131.562, 306.389

Inverse Universe

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



45, 13.923, 326.686



56, 20.684, 326.892



49, 12.515, 129.527



23, 4.599, 326.261



28, 64.644, 330.243



58, 109.368, 330.361

Previews

White Background



This preview shows how the CIELCh color 43, 12.061, 293.729 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 CIE LCh color 43, 12.061, 293.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

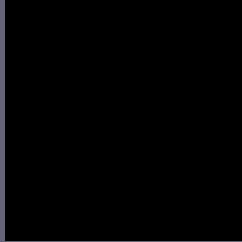
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

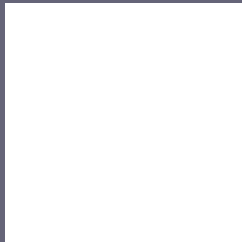
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 12.061, 293.729

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.061, 293.729.

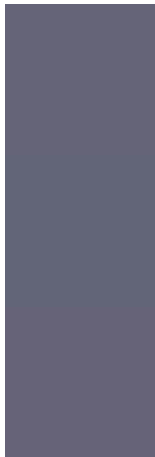


This preview shows how white text looks on a background with the CIELCh color 43, 12.061, 293.729.

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, 12.061, 293.729

Protanopia

43, 11.465, 286.105

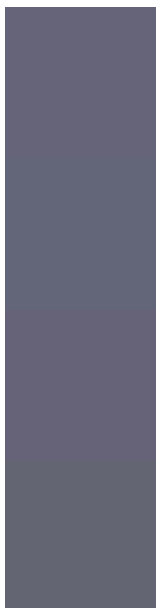
Deuteranopia

43, 12.739, 297.183



Tritanopia
43, 5.464, 282.604

Trichromacy



Original Color
43, 12.061, 293.729

Protanomaly
43, 11.441, 287.995

Deuteranomaly
43, 12.739, 297.183

Tritanomaly
43, 7.828, 288.441

Monochromacy



Original Color
43, 12.061, 293.729

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 4.241, 296.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.061, 293.729 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(101, 100, 120)` looks like.

```
.text, #text, p{  
    color:rgb(101, 100, 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(101, 100, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 100, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.061, 293.729 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(101, 100, 120) }
```

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

```
.border{ border-color:rgb(101, 100, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 100, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 100, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 100, 120);  
box-shadow:4px 4px 4px 4px rgb(101, 100,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.061, 293.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 100, 120) }
```

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

```
.background{ background-color: rgb(101,  
100, 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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