

Converting Colors

CIELCh(43, 15.514, 281.439)

Have a look what the booklet for
CIELCh(43, 15.514, 281.439)
contains.

CIELCh(43, 15.244, 281.256)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 15.244, 281.256)

Conversions

Conversions Part 1

Format	Color
Hex	5D657E
RGB	93, 101, 126
RGB Percent	36%, 40%, 49%
CMY	0.6350, 0.6037, 0.5056
CMYK	0.26, 0.20, 0.00, 0.51
HSL	225°, 15%, 43%
HSV	225°, 26%, 49%
XYZ	12.9502, 13.1578, 21.6174
YIQ	101.4580, -12.7930, 6.0790

Conversions

Conversions Part 2

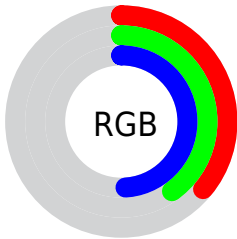
Format	Color
R_{YB}	93, 99, 126
Decimal	6120830
CIE _{Lab}	43.00, 2.98, -14.95
CIE _{LCh}	43, 15.244, 281.256
Yxy	13.1578, 0.2713, 0.2757
Android (android.graphics.Color)	4284310910 (0xFF5D657E)
YUV	101.4580, 12.0992, -7.4177
Hunter-Lab	36.2736, 0.2481, -9.9425

Details

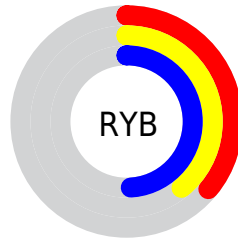
The CIELCh color **43, 15.244, 281.256** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50, 14.957, 94.711**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 15.295, 281.196**, and **23, 15.539, 282.330** is the 20% darker color. If you saturate the color by 10%, you get **39, 21.340, 282.999**, and if you desaturate by 10%, it is **47, 9.305, 279.755**.

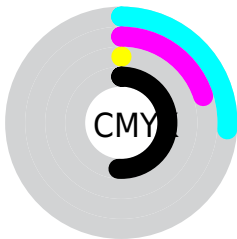
Distribution



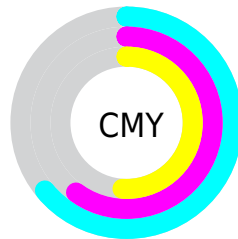
- Red (36%)
- Green (40%)
- Blue (49%)



- Red (36%)
- Yellow (39%)
- Blue (49%)



- Cyan (26%)
- Magenta (20%)
- Yellow (0%)
- Black (51%)





- Cyan (64%)
- Magenta (60%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 15.244, 281.256 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, 15.244, 281.256 by changing the saturation by 10% instead.


 43, 15.244,
281.256


 43, 15.244,
281.256


 100, 15.244,
281.256


 33, 15.244,
281.256

 63, 15.244,
281.256


 23, 15.244,
281.256

 73, 15.244,
281.256

 13, 15.244,
281.256


 83, 15.244,
281.256

 3, 15.244, 281.256

 93, 15.244,
281.256

 0, 15.244, 281.256

 43, 15.244,

 43, 15.244,

281.256

■ 39, 21.340,
282.999

■ 36, 27.613,
285.022

■ 32, 34.080,
287.349

■ 28, 40.756,
289.981

■ 25, 47.627,
292.879

■ 22, 54.608,
295.936

■ 19, 61.484,
298.921

■ 18, 64.034,
299.910

281.256

■ 47, 9.305, 279.755

■ 51, 3.514, 278.482

■ 54, 2.138, 97.263

■ 58, 7.659, 96.331

■ 62, 13.052, 95.486

■ 65, 18.323, 94.740

■ 69, 23.475, 94.080

■ 73, 28.513, 93.491

■ 76, 33.439, 92.965

Harmonies

Complementary

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



43, 15.244, 281.256



50, 14.957, 94.711

Rectangle

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



43, 15.244, 281.256



43, 15.244, 331.256



43, 15.244, 101.256



43, 15.244, 151.256

Sweetspot

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



43, 15.243, 281.254



63, 5.632, 278.718



50, 13.602, 177.136



32, 3.988, 278.876



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, 15.243, 281.254



53, 22.454, 282.189



41, 20.333, 301.732



25, 3.246, 278.830



18, 64.630, 299.946



0, 0.000, 0.000

Inverse Universe

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



43, 14.812, 2.758



53, 21.880, 3.497



51, 19.296, 118.331



25, 3.104, 0.830



26, 53.396, 24.140



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 43, 15.244, 281.256 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, 15.244, 281.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

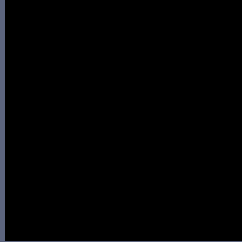
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

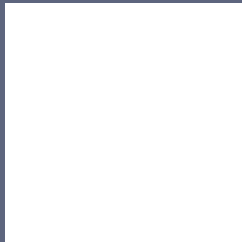
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 15.244, 281.256

Background



This preview shows how black text looks on a background with the CIELCh color 43, 15.244, 281.256.



This preview shows how white text looks on a background with the CIELCh color 43, 15.244, 281.256.

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, 15.244, 281.256

Protanopia

43, 15.724, 285.710

Deuteranopia

43, 16.278, 291.210



Tritanopia
43, 7.131, 241.547

Trichromacy



Original Color
43, 15.244, 281.256

Protanomaly
43, 15.761, 284.403

Deuteranomaly
43, 15.694, 287.030

Tritanomaly
43, 9.447, 262.595

Monochromacy



Original Color
43, 15.244, 281.256

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 5.518, 278.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 15.244, 281.256 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(93, 101, 126)` looks like.

```
.text, #text, p{  
    color:rgb(93, 101, 126)  
}
```

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(93, 101, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 101, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 15.244, 281.256 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(93, 101, 126) }
```

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

```
.border{ border-color:rgb(93, 101, 126) }
```

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

Here you see how a box with a 4 pixel rgb(93, 101, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 101, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 101, 126);  
box-shadow:4px 4px 4px 4px rgb(93, 101,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 15.244, 281.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 101, 126) }
```

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

```
.background{ background-color: rgb(93, 101,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor