

Converting Colors

CIELCh(43, 12.679, 250.377)

Have a look what the booklet for
CIELCh(43, 12.679, 250.377)
contains.

CIELCh(43, 12.486, 249.518)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 12.486, 249.518)

Conversions

Conversions Part 1

Format	Color
Hex	526979
RGB	82, 105, 121
RGB Percent	32%, 41%, 47%
CMY	0.6801, 0.5899, 0.5273
CMYK	0.32, 0.13, 0.00, 0.53
HSL	205°, 19%, 40%
HSV	205°, 32%, 47%
XYZ	11.8725, 13.1578, 19.8586
YIQ	99.9470, -18.8440, 0.1000

Conversions

Conversions Part 2

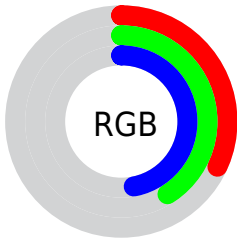
Format	Color
RYB	82, 96, 121
Decimal	5400953
CIELab	43.00, -4.37, -11.70
CIElCh	43, 12.486, 249.518
Yxy	13.1578, 0.2645, 0.2931
Android (android.graphics.Color)	4283591033 (0xFF526979)
YUV	99.9470, 10.3791, -15.7395
Hunter-Lab	36.2736, -5.0551, -7.0677

Details

The CIELCh color **43, 12.486, 249.518** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 14.289, 61.908**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 12.485, 248.776**, and **23, 12.258, 248.484** is the 20% darker color. If you saturate the color by 10%, you get **41, 16.052, 251.490**, and if you desaturate by 10%, it is **45, 8.761, 247.882**.

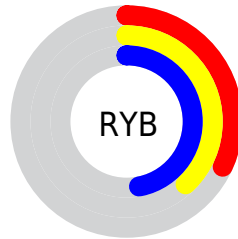
Distribution



Red (32%)

Green (41%)

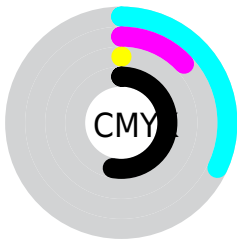
Blue (47%)



Red (32%)

Yellow (38%)

Blue (47%)

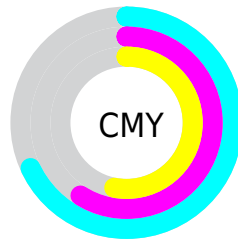


Cyan (32%)

Magenta (13%)

Yellow (0%)

Black (53%)



Cyan (68%)


Magenta (59%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 12.486, 249.518 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, 12.486, 249.518 by changing the saturation by 10% instead.


 43, 12.486,
249.518


 43, 12.486,
249.518


 100, 12.486,
249.518


 33, 12.486,
249.518

 63, 12.486,
249.518


 23, 12.486,
249.518

 73, 12.486,
249.518

 13, 12.486,
249.518


 83, 12.486,
249.518

 3, 12.486, 249.518

 93, 12.486,
249.518

 0, 12.486, 249.518

 43, 12.486,

 43, 12.486,

249.518

249.518

■ 41, 16.052,
251.490

■ 45, 8.761, 247.882

■ 39, 19.439,
253.870

■ 48, 4.905, 246.545

■ 50, 0.943, 245.666

■ 36, 22.637,
256.721

■ 53, 3.099, 64.297

■ 34, 25.654,
260.092

■ 55, 7.200, 63.548

■ 57, 11.341, 62.882

■ 32, 28.528,
264.001

■ 60, 15.504, 62.306

■ 31, 31.321,
268.401

■ 62, 19.678, 61.807

■ 65, 23.851, 61.374

■ 29, 33.531,
271.684

Harmonies

Complementary

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



43, 12.486, 249.518



43, 14.289, 61.908

Rectangle

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



43, 12.486, 249.518



43, 12.486, 299.518



43, 12.486, 69.518



43, 12.486, 119.518

Sweetspot

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



43, 12.485, 249.515



61, 4.911, 246.302



47, 20.898, 155.934



32, 3.372, 246.432



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, 12.485, 249.515



53, 18.301, 250.981



37, 21.673, 289.898



24, 2.276, 246.174



30, 34.506, 271.888



60, 60.649, 274.761

Inverse Universe

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



40, 21.215, 341.690



48, 31.451, 342.425



49, 20.436, 102.522



24, 3.694, 339.723



26, 51.597, 352.612



55, 86.075, 354.465

Previews

White Background



This preview shows how the CIELCh color 43, 12.486, 249.518 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, 12.486, 249.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

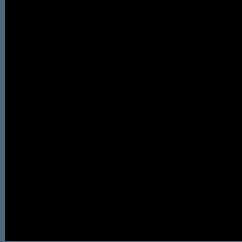
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

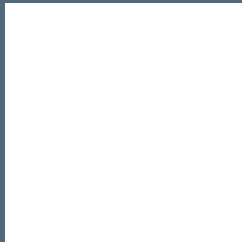
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 12.486, 249.518

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.486, 249.518.



This preview shows how white text looks on a background with the CIELCh color 43, 12.486, 249.518.

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, 12.486, 249.518

Protanopia

43, 10.861, 287.699

Deuteranopia

43, 13.907, 295.299



Tritanopia
43, 10.647, 225.457

Trichromacy



Original Color
43, 12.486, 249.518

Protanomaly
43, 10.797, 271.230

Deuteranomaly
43, 12.256, 279.540

Tritanomaly
43, 10.874, 236.324

Monochromacy



Original Color
43, 12.486, 249.518

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 4.619, 239.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.486, 249.518 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(82, 105, 121)` looks like.

```
.text, #text, p{  
    color:rgb(82, 105, 121)  
}
```

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(82, 105, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 105, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.486, 249.518 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(82, 105, 121) }
```

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

```
.border{ border-color:rgb(82, 105, 121) }
```

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

Here you see how a box with a 4 pixel rgb(82, 105, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 105, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 105, 121);  
box-shadow:4px 4px 4px 4px rgb(82, 105,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.486, 249.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 105, 121) }
```

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

```
.background{ background-color: rgb(82, 105,  
121) }
```

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