

Converting Colors

CIELCh(43, 12.756, 162.139)

Have a look what the booklet for
CIELCh(43, 12.756, 162.139)
contains.

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Color

CIELCh(43, 12.530, 162.772)

Conversions

Conversions Part 1

Format	Color
Hex	526B5F
RGB	82, 107, 95
RGB Percent	32%, 42%, 37%
CMY	0.6781, 0.5801, 0.6271
CMYK	0.23, 0.00, 0.11, 0.58
HSL	151°, 13%, 37%
HSV	151°, 23%, 42%
XYZ	10.8222, 13.1578, 12.8151
YIQ	98.1570, -11.0480, -9.0320

Conversions

Conversions Part 2

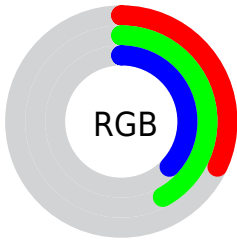
Format	Color
R_{YB}	82, 98, 107
Decimal	5401439
CIE _{Lab}	43.00, -11.97, 3.71
CIE _{LCh}	43, 12.530, 162.772
Yxy	13.1578, 0.2941, 0.3576
Android (android.graphics.Color)	4283591519 (0xFF526B5F)
YUV	98.1570, -1.5564, -14.1697
Hunter-Lab	36.2736, -10.2234, 4.4450

Details

The CIELCh color **43, 12.530, 162.772** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 12.916, 346.725**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 12.355, 162.286**, and **23, 12.911, 162.583** is the 20% darker color. If you saturate the color by 10%, you get **42, 17.774, 161.760**, and if you desaturate by 10%, it is **44, 7.184, 163.691**.

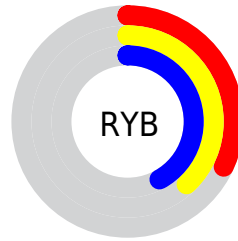
Distribution



Red (32%)

Green (42%)

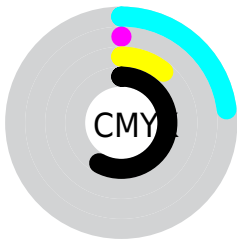
Blue (37%)



Red (32%)

Yellow (38%)

Blue (42%)

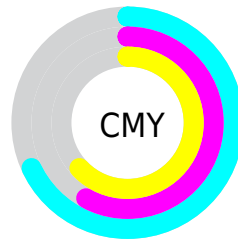


Cyan (23%)

Magenta (0%)

Yellow (11%)

Black (58%)



Cyan (68%)


Magenta (58%)

Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 12.530, 162.772 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, 12.530, 162.772 by changing the saturation by 10% instead.


 43, 12.530,
162.772


 43, 12.530,
162.772


 100, 12.530,
162.772


 33, 12.530,
162.772

 63, 12.530,
162.772


 23, 12.530,
162.772

 73, 12.530,
162.772

 13, 12.530,
162.772


 83, 12.530,
162.772

 3, 12.530, 162.772

 93, 12.530,
162.772

 0, 12.530, 162.772

 43, 12.530,

 43, 12.530,

162.772

162.772

■ 42, 17.774,
161.760

■ 44, 7.184, 163.691

■ 41, 22.839,
160.637

■ 45, 1.798, 164.624

■ 41, 27.644,
159.378

■ 46, 3.572, 345.158

■ 40, 32.110,
157.963

■ 47, 8.885, 345.897

■ 40, 36.166,
156.373

■ 48, 14.110,
346.552

■ 40, 39.764,
154.594

■ 50, 19.225,
347.159

■ 39, 42.904,
152.645

■ 51, 24.214,
347.726

■ 39, 44.911,
151.429

■ 53, 29.070,
348.260

■ 54, 33.790,
348.764

Harmonies

Complementary

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



43, 12.530, 162.772



38, 12.916, 346.725

Rectangle

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



43, 12.530, 162.772



43, 12.530, 212.772



43, 12.530, 342.772



43, 12.530, 32.772

Sweetspot

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



43, 12.531, 162.770



57, 4.699, 164.238



44, 15.902, 128.654



30, 3.077, 164.205



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 12.531, 162.770



55, 18.691, 162.234



43, 9.481, 199.841



22, 3.024, 164.080



43, 48.160, 151.173



85, 85.312, 149.729

Inverse Universe

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



38, 12.916, 346.725



47, 19.397, 347.273



38, 10.982, 22.308



21, 3.063, 345.401



24, 47.752, 1.968



53, 81.902, 4.787

Previews

White Background



This preview shows how the CIELCh color 43, 12.530, 162.772 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, 12.530, 162.772 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, 12.530, 162.772

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.530, 162.772.



This preview shows how white text looks on a background with the CIELCh color 43, 12.530, 162.772.

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

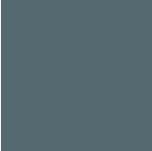
43, 12.530, 162.772

Protanopia

43, 5.655, 91.667

Deuteranopia

43, 6.442, 25.489



Tritanopia
43, 8.848, 231.786

Trichromacy



Original Color
43, 12.530, 162.772

Protanomaly
43, 6.530, 132.114

Deuteranomaly
43, 3.024, 101.704

Tritanomaly
43, 8.572, 198.420

Monochromacy



Original Color
43, 12.530, 162.772

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.456, 166.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.530, 162.772 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, 107, 95)` looks like.

```
.text, #text, p{  
    color:rgb(82, 107, 95)  
}
```

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, 107, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 107, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.530, 162.772 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, 107, 95) }
```

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

```
.border{ border-color:rgb(82, 107, 95) }
```

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

Here you see how a box with a 4 pixel rgb(82, 107, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 107, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 107, 95);  
box-shadow:4px 4px 4px 4px rgb(82, 107,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.530, 162.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 107, 95) }
```

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

```
.background{ background-color: rgb(82, 107,  
95) }
```

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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