

Converting Colors

CIELCh(43, 18.139, 142.140)

Have a look what the booklet for
CIELCh(43, 18.139, 142.140)
contains.

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Color

CIELCh(43, 18.117, 142.031)

Conversions

Conversions Part 1

Format	Color
Hex	546C53
RGB	84, 108, 83
RGB Percent	33%, 42%, 33%
CMY	0.6717, 0.5776, 0.6756
CMYK	0.22, 0.00, 0.23, 0.58
HSL	118°, 13%, 37%
HSV	118°, 23%, 42%
XYZ	10.5151, 13.1578, 10.1143
YIQ	97.9740, -6.2790, -12.8630

Conversions

Conversions Part 2

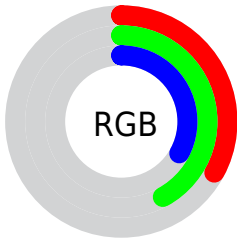
Format	Color
R_{YB}	83, 108, 107
Decimal	5532755
CIE _{Lab}	43.00, -14.28, 11.15
CIE _{LCh}	43, 18.117, 142.031
Yxy	13.1578, 0.3112, 0.3894
Android (android.graphics.Color)	4283722835 (0xFF546C53)
YUV	97.9740, -7.3822, -12.2552
Hunter-Lab	36.2736, -11.7347, 8.8595

Details

The CIELCh color **43, 18.117, 142.031** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 18.158, 324.505**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 18.219, 142.481**, and **23, 17.822, 142.195** is the 20% darker color. If you saturate the color by 10%, you get **42, 25.899, 141.292**, and if you desaturate by 10%, it is **44, 10.275, 142.679**.

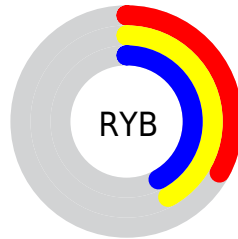
Distribution



 Red (33%)

 Green (42%)

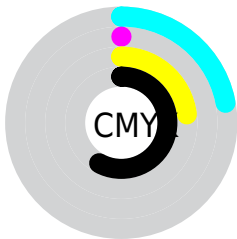
 Blue (33%)




 Red (33%)

 Yellow (42%)

 Blue (42%)

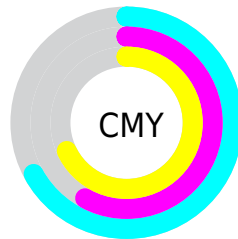


 Cyan (22%)


 Magenta (0%)

 Yellow (23%)

 Black (58%)



 Cyan (67%)


 Magenta (58%)


 Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 18.117, 142.031 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, 18.117, 142.031 by changing the saturation by 10% instead.


 43, 18.117,
142.031


 43, 18.117,
142.031


 100, 18.117,
142.031


 33, 18.117,
142.031


 63, 18.117,
142.031


 23, 18.117,
142.031


 73, 18.117,
142.031

 13, 18.117,
142.031

 83, 18.117,
142.031

 3, 18.117, 142.031

 93, 18.117,
142.031

 0, 18.117, 142.031

 43, 18.117,

 43, 18.117,

142.031

142.031

■ 42, 25.899,
141.292

■ 44, 10.275,
142.679

■ 41, 33.487,
140.458

■ 45, 2.470, 143.280

■ 41, 40.711,
139.542

■ 46, 5.225, 323.658

■ 48, 12.759,
324.080

■ 40, 47.360,
138.578

■ 49, 20.100,
324.430

■ 40, 53.179,
137.634

■ 51, 27.229,
324.727

■ 39, 57.880,
136.814

■ 52, 34.138,
324.980

■ 39, 61.239,
136.207

■ 54, 40.826,
325.197

■ 39, 63.246,
135.704

■ 55, 47.296,
325.384

Harmonies

Complementary

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



43, 18.117, 142.031



38, 18.158, 324.505

Rectangle

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



43, 18.117, 142.031



43, 18.117, 192.031



43, 18.117, 322.031



43, 18.117, 12.031

Sweetspot

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



43, 18.118, 142.031



57, 6.741, 143.034



45, 14.069, 105.895



30, 4.416, 143.012



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, 18.118, 142.031



55, 27.155, 141.631



43, 13.197, 159.189



22, 4.343, 142.931



42, 67.225, 135.733



85, 115.945, 135.900

Inverse Universe

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



38, 18.158, 324.505



48, 27.214, 324.775



38, 13.480, 342.879



21, 4.353, 323.792



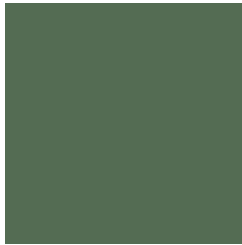
26, 65.237, 326.727



56, 112.274, 326.639

Previews

White Background



This preview shows how the CIELCh color 43, 18.117, 142.031 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, 18.117, 142.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

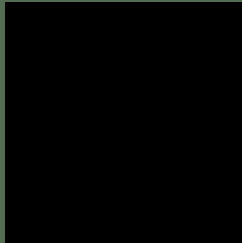
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 18.117, 142.031

Background



This preview shows how black text looks on a background with the CIELCh color 43, 18.117, 142.031.



This preview shows how white text looks on a background with the CIELCh color 43, 18.117, 142.031.

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

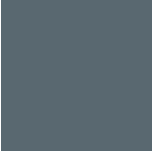
43, 18.117, 142.031

Protanopia

43, 12.947, 94.271

Deuteranopia

43, 11.563, 58.433



Tritanopia
43, 7.407, 239.591

Trichromacy



Original Color
43, 18.117, 142.031

Protanomaly
43, 13.250, 115.880

Deuteranomaly
43, 10.327, 98.818

Tritanomaly
43, 7.655, 180.131

Monochromacy



Original Color
43, 18.117, 142.031

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 7.143, 141.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 18.117, 142.031 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(84, 108, 83)` looks like.

```
.text, #text, p{  
    color:rgb(84, 108, 83)  
}
```

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(84, 108, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 108, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 18.117, 142.031 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(84, 108, 83) }
```

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

```
.border{ border-color:rgb(84, 108, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 108, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 108, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 108, 83);  
box-shadow:4px 4px 4px 4px rgb(84, 108,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 18.117, 142.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 108, 83) }
```

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

```
.background{ background-color: rgb(84, 108,  
83) }
```

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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