

Converting Colors

CIELCh(43, 15.695, 143.250)

Have a look what the booklet for
CIELCh(43, 15.695, 143.250)
contains.

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Color

CIELCh(43, 15.434, 143.276)

Conversions

Conversions Part 1

Format	Color
Hex	566B56
RGB	86, 107, 86
RGB Percent	34%, 42%, 34%
CMY	0.6629, 0.5805, 0.6629
CMYK	0.20, 0.00, 0.20, 0.58
HSL	120°, 11%, 38%
HSV	120°, 20%, 42%
XYZ	10.7684, 13.1578, 10.7703
YIQ	98.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

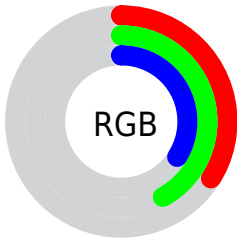
Format	Color
R_{YB}	86, 107, 107
Decimal	5663574
CIE _{Lab}	43.00, -12.37, 9.23
CIE _{LCh}	43, 15.434, 143.276
Yxy	13.1578, 0.3104, 0.3792
Android (android.graphics.Color)	4283853654 (0xFF566B56)
YUV	98.3270, -6.0772, -10.8108
Hunter-Lab	36.2736, -10.4885, 7.7873

Details

The CIELCh color **43, 15.434, 143.276** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 15.447, 325.444**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 15.043, 143.625**, and **23, 15.678, 143.787** is the 20% darker color. If you saturate the color by 10%, you get **42, 23.304, 142.525**, and if you desaturate by 10%, it is **44, 7.538, 143.931**.

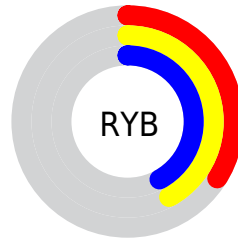
Distribution



Red (34%)

Green (42%)

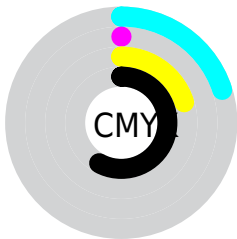
Blue (34%)



Red (34%)

Yellow (42%)

Blue (42%)

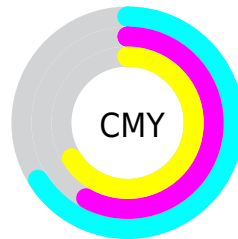


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (58%)



Cyan (66%)


Magenta (58%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 15.434, 143.276 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, 15.434, 143.276 by changing the saturation by 10% instead.


 43, 15.434,
143.276


 43, 15.434,
143.276


 100, 15.434,
143.276


 33, 15.434,
143.276

 63, 15.434,
143.276


 23, 15.434,
143.276

 73, 15.434,
143.276

 13, 15.434,
143.276


 83, 15.434,
143.276

 3, 15.434, 143.276

 93, 15.434,
143.276

 0, 15.434, 143.276

 43, 15.434,

 43, 15.434,

143.276

■ 42, 23.304,
142.525

■ 41, 31.017,
141.666

■ 41, 38.409,
140.702

■ 40, 45.276,
139.657

■ 39, 51.373,
138.583

■ 39, 56.422,
137.573

■ 39, 60.148,
136.748

■ 39, 63.093,
136.044

143.276

■ 44, 7.538, 143.931

■ 45, 0.292, 323.900

■ 47, 7.985, 324.910

■ 48, 15.496,
325.321

■ 49, 22.795,
325.666

■ 51, 29.869,
325.961

■ 53, 36.711,
326.213

■ 54, 43.324,
326.430

■ 56, 49.713,

■ 39, 63.207,
136.016

326.617

Harmonies

Complementary

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



43, 15.434, 143.276



39, 15.447, 325.444

Rectangle

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



43, 15.434, 143.276



43, 15.434, 193.276



43, 15.434, 323.276



43, 15.434, 13.276

Sweetspot

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



43, 15.435, 143.276



57, 5.849, 144.144



45, 12.442, 108.390



30, 3.911, 144.117



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, 15.435, 143.276



55, 23.584, 142.910



43, 10.701, 162.055



22, 4.400, 143.973



42, 67.487, 136.016



85, 116.131, 136.016

Inverse Universe

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



39, 15.447, 325.444



49, 23.595, 325.704



39, 10.952, 345.247



21, 4.407, 324.881



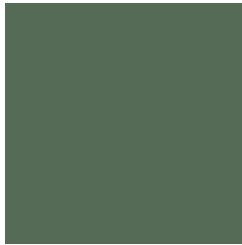
27, 65.114, 328.233



58, 112.047, 328.233

Previews

White Background



This preview shows how the CIELCh color 43, 15.434, 143.276 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 CIELCh color 43, 15.434, 143.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

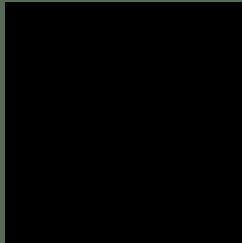
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 15.434, 143.276

Background



This preview shows how black text looks on a background with the CIELCh color 43, 15.434, 143.276.



This preview shows how white text looks on a background with the CIELCh color 43, 15.434, 143.276.

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

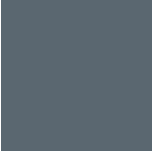
43, 15.434, 143.276

Protanopia

43, 11.097, 94.684

Deuteranopia

43, 10.020, 56.653



Tritanopia
43, 7.278, 247.347

Trichromacy



Original Color
43, 15.434, 143.276

Protanomaly
43, 11.490, 117.242

Deuteranomaly
43, 8.563, 97.146

Tritanomaly
43, 6.038, 192.976

Monochromacy



Original Color
43, 15.434, 143.276

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.163, 144.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 15.434, 143.276 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(86, 107, 86)` looks like.

```
.text, #text, p{  
    color:rgb(86, 107, 86)  
}
```

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(86, 107, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 107, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 15.434, 143.276 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(86, 107, 86) }
```

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

```
.border{ border-color:rgb(86, 107, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 107, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 107, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 107, 86);  
box-shadow:4px 4px 4px 4px rgb(86, 107,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 15.434, 143.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 107, 86) }
```

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

```
.background{ background-color: rgb(86, 107,  
86) }
```

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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