

Converting Colors

CIELCh(43, 17.099, 138.824)

Have a look what the booklet for
CIELCh(43, 17.099, 138.824)
contains.

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Color

CIELCh(43, 16.725, 138.708)

Conversions

Conversions Part 1

Format	Color
Hex	576B53
RGB	87, 107, 83
RGB Percent	34%, 42%, 33%
CMY	0.6589, 0.5805, 0.6746
CMYK	0.19, 0.00, 0.22, 0.58
HSL	110°, 13%, 37%
HSV	110°, 22%, 42%
XYZ	10.7422, 13.1578, 10.1510
YIQ	98.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

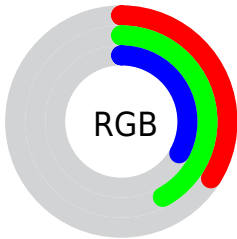
Format	Color
R_{YB}	83, 107, 103
Decimal	5729107
CIE _{Lab}	43.00, -12.57, 11.04
CIE _{LCh}	43, 16.725, 138.708
Yxy	13.1578, 0.3155, 0.3864
Android (android.graphics.Color)	4283919187 (0xFF576B53)
YUV	98.2840, -7.5350, -9.8961
Hunter-Lab	36.2736, -10.6170, 8.7995

Details

The CIELCh color **43, 16.725, 138.708** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 16.863, 320.756**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 16.247, 139.225**, and **23, 17.067, 138.842** is the 20% darker color. If you saturate the color by 10%, you get **42, 24.173, 138.111**, and if you desaturate by 10%, it is **44, 9.241, 139.246**.

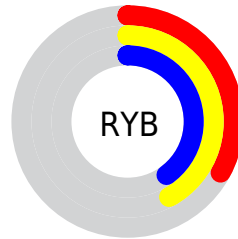
Distribution



Red (34%)

Green (42%)

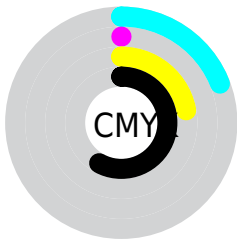
Blue (33%)



Red (33%)

Yellow (42%)

Blue (40%)

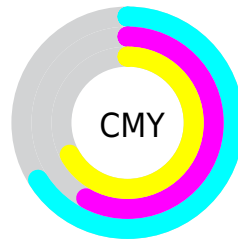


Cyan (19%)

Magenta (0%)

Yellow (22%)

Black (58%)



Cyan (66%)


Magenta (58%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 16.725, 138.708 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, 16.725, 138.708 by changing the saturation by 10% instead.


 43, 16.725,
138.708


 43, 16.725,
138.708


 100, 16.725,
138.708


 33, 16.725,
138.708

 63, 16.725,
138.708


 23, 16.725,
138.708

 73, 16.725,
138.708

 13, 16.725,
138.708


 83, 16.725,
138.708

 3, 16.725, 138.708

 93, 16.725,
138.708

 0, 16.725, 138.708

 43, 16.725,

 43, 16.725,

138.708

■ 42, 24.173,
138.111

■ 41, 31.479,
137.458

■ 41, 38.507,
136.768

■ 40, 45.075,
136.080

■ 40, 50.955,
135.465

■ 39, 55.868,
135.018

■ 39, 59.559,
134.836

■ 39, 61.986,
134.565

138.708

■ 44, 9.241, 139.246

■ 45, 1.796, 139.773

■ 46, 5.555, 320.076

■ 47, 12.772,
320.440

■ 48, 19.830,
320.744

■ 50, 26.712,
321.004

■ 51, 33.411,
321.227

■ 53, 39.924,
321.417

■ 54, 46.252,

Harmonies

Complementary

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



43, 16.725, 138.708



38, 16.863, 320.756

Rectangle

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



43, 16.725, 138.708



43, 16.725, 188.708



43, 16.725, 318.708



43, 16.725, 8.708

Sweetspot

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



43, 16.726, 138.709



57, 6.476, 139.508



43, 12.055, 99.961



30, 4.242, 139.490



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, 16.726, 138.709



55, 25.146, 138.398



43, 13.876, 154.028



22, 4.172, 139.420



43, 66.269, 134.663



85, 114.779, 135.155

Inverse Universe

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



38, 16.863, 320.756



48, 25.392, 320.986



38, 14.024, 337.201



21, 4.191, 320.162



23, 65.994, 322.128



51, 113.701, 321.787

Previews

White Background



This preview shows how the CIE LCh color 43, 16.725, 138.708 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, 16.725, 138.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

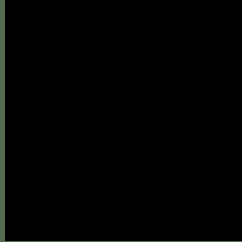
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

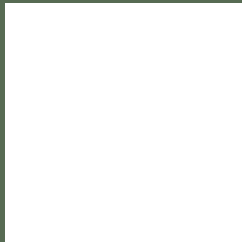
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 16.725, 138.708

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.725, 138.708.



This preview shows how white text looks on a background with the CIELCh color 43, 16.725, 138.708.

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

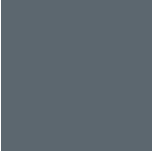
43, 16.725, 138.708

Protanopia

43, 12.947, 94.271

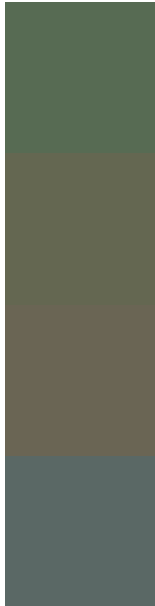
Deuteranopia

43, 11.563, 58.433



Tritanopia
43, 6.359, 248.482

Trichromacy



Original Color
43, 16.725, 138.708

Protanomaly
43, 13.193, 113.997

Deuteranomaly
43, 10.412, 96.408

Tritanomaly
43, 5.969, 181.075

Monochromacy



Original Color
43, 16.725, 138.708

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.672, 140.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.725, 138.708 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(87, 107, 83)` looks like.

```
.text, #text, p{  
    color:rgb(87, 107, 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(87, 107, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 107, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.725, 138.708 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(87, 107, 83) }
```

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

```
.border{ border-color:rgb(87, 107, 83) }
```

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

Here you see how a box with a 4 pixel rgb(87, 107, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 107, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 107, 83);  
box-shadow:4px 4px 4px 4px rgb(87, 107,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.725, 138.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 107, 83) }
```

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

```
.background{ background-color: rgb(87, 107,  
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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