

Converting Colors

CIELCh(43, 16.986, 137.731)

Have a look what the booklet for
CIELCh(43, 16.986, 137.731)
contains.

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Color

CIELCh(43, 17.242, 137.710)

Conversions

Conversions Part 1

Format	Color
Hex	576B52
RGB	87, 107, 82
RGB Percent	34%, 42%, 32%
CMY	0.6587, 0.5803, 0.6783
CMYK	0.19, 0.00, 0.23, 0.58
HSL	108°, 13%, 37%
HSV	108°, 23%, 42%
XYZ	10.7172, 13.1578, 9.9625
YIQ	98.1700, -3.8950, -12.0150

Conversions

Conversions Part 2

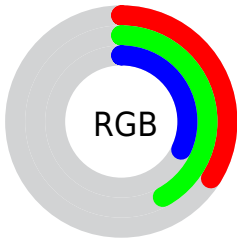
Format	Color
R_{YB}	82, 107, 102
Decimal	5729106
CIE _{Lab}	43.00, -12.75, 11.60
CIE _{LCh}	43, 17.242, 137.710
Yxy	13.1578, 0.3167, 0.3889
Android (android.graphics.Color)	4283919186 (0xFF576B52)
YUV	98.1700, -7.9718, -9.7961
Hunter-Lab	36.2736, -10.7405, 9.1077

Details

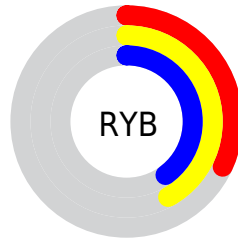
The CIELCh color $43, 17.242, 137.710$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38, 17.422, 319.784$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 17.219, 137.357$, and $23, 17.624, 137.743$ is the 20% darker color. If you saturate the color by 10%, you get $42, 24.608, 137.137$, and if you desaturate by 10%, it is $44, 9.835, 138.231$.

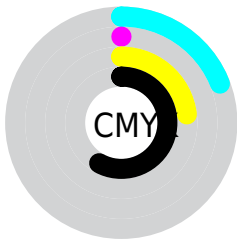
Distribution



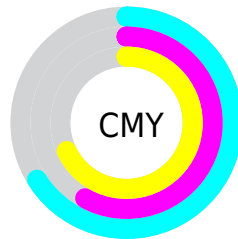
- Red (34%)
- Green (42%)
- Blue (32%)



- Red (32%)
- Yellow (42%)
- Blue (40%)



- Cyan (19%)
- Magenta (0%)
- Yellow (23%)
- Black (58%)





- Cyan (66%)
- Magenta (58%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 17.242, 137.710 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, 17.242, 137.710 by changing the saturation by 10% instead.


 43, 17.242,
137.710


 43, 17.242,
137.710


 100, 17.242,
137.710


 33, 17.242,
137.710

 63, 17.242,
137.710


 23, 17.242,
137.710

 73, 17.242,
137.710

 13, 17.242,
137.710

 83, 17.242,
137.710

 3, 17.242, 137.710

 93, 17.242,
137.710

 0, 17.242, 137.710

 43, 17.242,

 43, 17.242,

137.710

137.710

■ 42, 24.608,
137.137

■ 44, 9.835, 138.231

■ 41, 31.827,
136.518

■ 45, 2.457, 138.726

■ 46, 4.836, 319.043

■ 41, 38.766,
135.875

■ 47, 12.006,
319.405

■ 40, 45.247,
135.253

■ 48, 19.027,
319.707

■ 40, 51.038,
134.724

■ 50, 25.882,
319.966

■ 39, 55.862,
134.389

■ 51, 32.564,
320.187

■ 39, 59.499,
134.322

■ 52, 39.067,
320.377

■ 39, 61.672,
134.143

■ 54, 45.394,

Harmonies

Complementary

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



43, 17.242, 137.710



38, 17.422, 319.784

Rectangle

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



43, 17.242, 137.710



43, 17.242, 187.710



43, 17.242, 317.710



43, 17.242, 7.710

Sweetspot

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



43, 17.243, 137.711



57, 6.411, 138.530



43, 12.149, 97.855



30, 4.199, 138.512



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, 17.243, 137.711



55, 25.803, 137.406



43, 14.823, 152.612



22, 4.129, 138.445



43, 65.917, 134.253



85, 114.261, 134.814

Inverse Universe

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



38, 17.422, 319.784



47, 26.127, 320.013



38, 14.954, 335.831



21, 4.151, 319.164



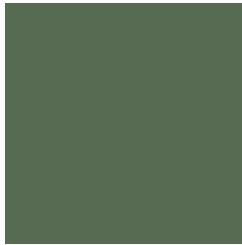
23, 66.280, 320.980



50, 114.242, 320.582

Previews

White Background



This preview shows how the CIE LCh color 43, 17.242, 137.710 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, 17.242, 137.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

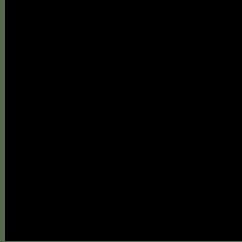
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

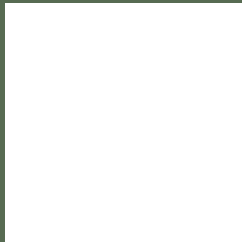
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 17.242, 137.710

Background



This preview shows how black text looks on a background with the CIELCh color 43, 17.242, 137.710.

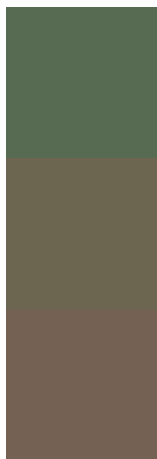


This preview shows how white text looks on a background with the CIELCh color 43, 17.242, 137.710.

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

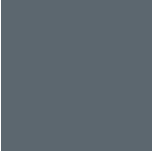
43, 17.242, 137.710

Protanopia

43, 13.527, 94.754

Deuteranopia

43, 11.977, 60.498



Tritanopia
43, 6.359, 248.482

Trichromacy



Original Color
43, 17.242, 137.710

Protanomaly
43, 13.781, 113.679

Deuteranomaly
43, 10.997, 96.943

Tritanomaly
43, 6.207, 175.830

Monochromacy



Original Color
43, 17.242, 137.710

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.197, 137.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 17.242, 137.710 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(87, 107, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 107, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 17.242, 137.710 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, 82) }
```

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

```
.border{ border-color:rgb(87, 107, 82) }
```

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, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 107, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 107, 82);  
box-shadow:4px 4px 4px 4px rgb(87, 107,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 17.242, 137.710 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, 82) }
```

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

```
.background{ background-color: rgb(87, 107,  
82) }
```

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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