

Converting Colors

CIELCh(43, 13.722, 124.850)

Have a look what the booklet for
CIELCh(43, 13.722, 124.850)
contains.

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Color

CIELCh(43, 13.699, 124.859)

Conversions

Conversions Part 1

Format	Color
Hex	606953
RGB	96, 105, 83
RGB Percent	38%, 41%, 33%
CMY	0.6243, 0.5890, 0.6753
CMYK	0.09, 0.00, 0.21, 0.59
HSL	85°, 12%, 37%
HSV	85°, 21%, 41%
XYZ	11.3861, 13.1578, 10.0827
YIQ	99.8010, 1.6980, -8.7500

Conversions

Conversions Part 2

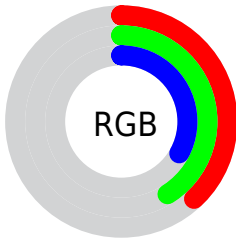
Format	Color
R_{YB}	83, 105, 92
Decimal	6318419
CIE Lab	43.00, -7.83, 11.24
CIE LCh	43, 13.699, 124.859
Yxy	13.1578, 0.3288, 0.3800
Android (android.graphics.Color)	4284508499 (0xFF606953)
YUV	99.8010, -8.2829, -3.3335
Hunter-Lab	36.2736, -7.4485, 8.9112

Details

The CIELCh color **43, 13.699, 124.859** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 14.150, 306.876**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 13.294, 124.467**, and **23, 13.702, 124.003** is the 20% darker color. If you saturate the color by 10%, you get **42, 20.172, 124.376**, and if you desaturate by 10%, it is **44, 7.174, 125.342**.

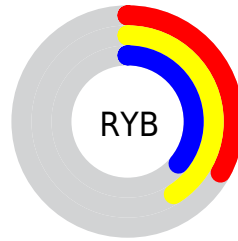
Distribution



Red (38%)

Green (41%)

Blue (33%)



Red (33%)

Yellow (41%)

Blue (36%)

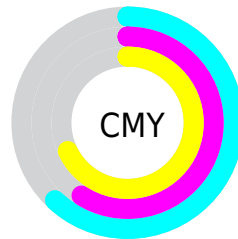


Cyan (9%)

Magenta (0%)

Yellow (21%)

Black (59%)



Cyan (62%)


Magenta (59%)

Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.699, 124.859 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, 13.699, 124.859 by changing the saturation by 10% instead.


 43, 13.699,
124.859


 43, 13.699,
124.859


 100, 13.699,
124.859


 33, 13.699,
124.859

 63, 13.699,
124.859


 23, 13.699,
124.859

 73, 13.699,
124.859

 13, 13.699,
124.859

 83, 13.699,
124.859

 3, 13.699, 124.859

 93, 13.699,
124.859

 0, 13.699, 124.859

 43, 13.699,

 43, 13.699,

124.859

124.859

■ 42, 20.172,
124.376

■ 44, 7.174, 125.342

■ 42, 26.527,
123.904

■ 44, 0.639, 125.877

■ 45, 5.874, 306.214

■ 41, 32.674,
123.475

■ 46, 12.342,
306.621

■ 41, 38.484,
123.136

■ 46, 18.746,
306.993

■ 41, 43.775,
122.955

■ 47, 25.076,
307.335

■ 40, 48.313,
123.024

■ 48, 31.321,
307.647

■ 40, 51.845,
123.446

■ 49, 37.477,
307.930

■ 40, 54.682,
123.862

■ 50, 43.537,

Harmonies

Complementary

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



43, 13.699, 124.859



37, 14.150, 306.876

Rectangle

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



43, 13.699, 124.859



43, 13.699, 174.859



43, 13.699, 304.859



43, 13.699, 354.859

Sweetspot

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



43, 13.700, 124.862



56, 4.823, 125.571



40, 7.962, 61.870



29, 3.224, 125.551



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 13.700, 124.862



54, 20.091, 124.634



42, 15.709, 140.619



22, 3.734, 125.437



44, 59.337, 124.068



88, 102.895, 125.006

Inverse Universe

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



37, 14.150, 306.876



45, 20.911, 307.140



38, 15.782, 322.664



20, 3.790, 306.246



15, 71.328, 310.468



37, 123.587, 309.845

Previews

White Background



This preview shows how the CIELCh color 43, 13.699, 124.859 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, 13.699, 124.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

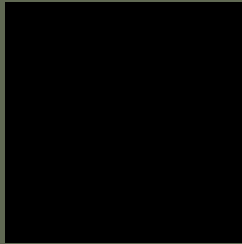
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

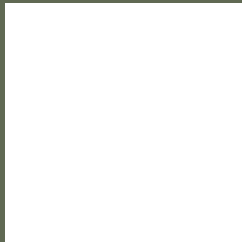
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 13.699, 124.859

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.699, 124.859.

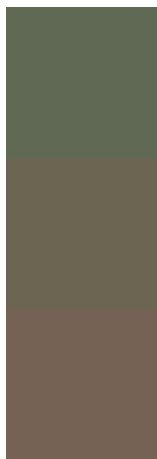


This preview shows how white text looks on a background with the CIELCh color 43, 13.699, 124.859.

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, 13.699, 124.859

Protanopia

43, 12.369, 93.734

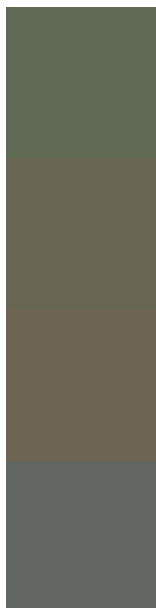
Deuteranopia

43, 12.042, 63.887



Tritanopia
43, 4.828, 286.133

Trichromacy



Original Color
43, 13.699, 124.859

Protanomaly
43, 11.977, 104.161

Deuteranomaly
43, 10.400, 86.146

Tritanomaly
43, 2.461, 152.181

Monochromacy



Original Color
43, 13.699, 124.859

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 5.103, 128.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.699, 124.859 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(96, 105, 83)` looks like.

```
.text, #text, p{  
    color:rgb(96, 105, 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(96, 105, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 105, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.699, 124.859 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(96, 105, 83) }
```

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

```
.border{ border-color:rgb(96, 105, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 105, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 105, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 105, 83);  
box-shadow:4px 4px 4px 4px rgb(96, 105,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.699, 124.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 105, 83) }
```

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

```
.background{ background-color: rgb(96, 105,  
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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