

Converting Colors

CIELCh(43, 12.918, 121.234)

Have a look what the booklet for
CIELCh(43, 12.918, 121.234)
contains.

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Color

CIELCh(43, 12.805, 120.146)

Conversions

Conversions Part 1

Format	Color
Hex	626853
RGB	98, 104, 83
RGB Percent	38%, 41%, 33%
CMY	0.6152, 0.5916, 0.6740
CMYK	0.06, 0.00, 0.20, 0.59
HSL	77°, 11%, 37%
HSV	77°, 20%, 41%
XYZ	11.5811, 13.1578, 10.1388
YIQ	99.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

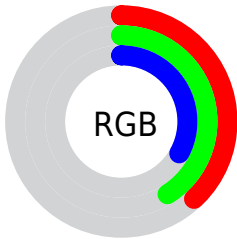
Format	Color
R_{YB}	83, 104, 89
Decimal	6449235
CIE Lab	43.00, -6.43, 11.07
CIE LCh	43, 12.805, 120.146
Yxy	13.1578, 0.3320, 0.3773
Android (android.graphics.Color)	4284639315 (0xFF626853)
YUV	99.8120, -8.2883, -1.5891
Hunter-Lab	36.2736, -6.4889, 8.8194

Details

The CIELCh color **43, 12.805, 120.146** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 13.291, 302.496**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 12.474, 119.944**, and **23, 12.842, 120.778** is the 20% darker color. If you saturate the color by 10%, you get **43, 19.083, 119.583**, and if you desaturate by 10%, it is **44, 6.466, 120.713**.

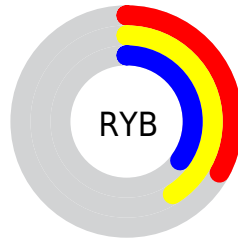
Distribution



Red (38%)

Green (41%)

Blue (33%)



Red (33%)

Yellow (41%)

Blue (35%)

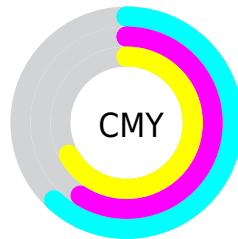


Cyan (6%)

Magenta (0%)

Yellow (20%)

Black (59%)



Cyan (62%)


Magenta (59%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 12.805, 120.146 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, 12.805, 120.146 by changing the saturation by 10% instead.


 43, 12.805,
120.146


 43, 12.805,
120.146


 100, 12.805,
120.146


 33, 12.805,
120.146

 63, 12.805,
120.146


 23, 12.805,
120.146

 73, 12.805,
120.146

 13, 12.805,
120.146


 83, 12.805,
120.146

 3, 12.805, 120.146

 93, 12.805,
120.146

 0, 12.805, 120.146

 43, 12.805,

 43, 12.805,

120.146

■ 43, 19.083,
119.583

■ 42, 25.237,
119.034

■ 42, 31.184,
118.530

■ 41, 36.797,
118.112

■ 41, 41.901,
117.843

■ 41, 46.262,
117.800

■ 40, 49.627,
118.076

■ 40, 52.470,
118.444

120.146

■ 44, 6.466, 120.713

■ 44, 0.103, 121.516

■ 45, 6.253, 301.775

■ 45, 12.581,
302.273

■ 46, 18.865,
302.739

■ 47, 25.095,
303.174

■ 47, 31.261,
303.578

■ 48, 37.355,
303.952

■ 49, 43.375,

Harmonies

Complementary

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



43, 12.805, 120.146



37, 13.291, 302.496

Rectangle

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



43, 12.805, 120.146



43, 12.805, 170.146



43, 12.805, 300.146



43, 12.805, 350.146

Sweetspot

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



43, 12.806, 120.149



56, 4.723, 120.937



39, 7.625, 48.417



29, 3.157, 120.913



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, 12.806, 120.149



55, 18.848, 119.894



42, 14.475, 137.400



21, 3.508, 120.785



44, 56.257, 118.596



88, 98.041, 119.422

Inverse Universe

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



37, 13.291, 302.496



45, 19.736, 302.815



38, 14.619, 319.135



19, 3.569, 301.766



13, 71.837, 308.530



33, 125.457, 308.000

Previews

White Background



This preview shows how the CIELCh color 43, 12.805, 120.146 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, 12.805, 120.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

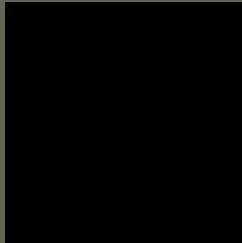
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

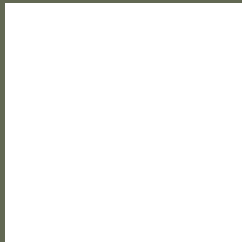
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 12.805, 120.146

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.805, 120.146.

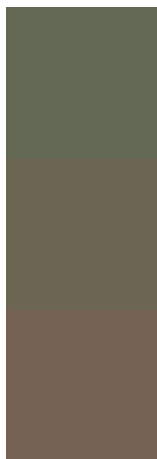


This preview shows how white text looks on a background with the CIELCh color 43, 12.805, 120.146.

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, 12.805, 120.146

Protanopia

43, 11.791, 93.134

Deuteranopia

43, 12.042, 63.887



Tritanopia
43, 4.840, 295.644

Trichromacy



Original Color
43, 12.805, 120.146

Protanomaly
43, 11.977, 104.161

Deuteranomaly
43, 10.584, 83.908

Tritanomaly
43, 1.270, 129.046

Monochromacy



Original Color
43, 12.805, 120.146

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 4.973, 124.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.805, 120.146 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(98, 104, 83)` looks like.

```
.text, #text, p{  
    color:rgb(98, 104, 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(98, 104, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 104, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.805, 120.146 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(98, 104, 83) }
```

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

```
.border{ border-color:rgb(98, 104, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 104, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 104, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 104, 83);  
box-shadow:4px 4px 4px 4px rgb(98, 104,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.805, 120.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 104, 83) }
```

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

```
.background{ background-color: rgb(98, 104,  
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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