

Converting Colors

CIELCh(43, 16.929, 125.944)

Have a look what the booklet for
CIELCh(43, 16.929, 125.944)
contains.

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Color

CIELCh(43, 16.901, 125.954)

Conversions

Conversions Part 1

Format	Color
Hex	5E6A4F
RGB	94, 106, 79
RGB Percent	37%, 42%, 31%
CMY	0.6327, 0.5857, 0.6915
CMYK	0.11, 0.00, 0.26, 0.59
HSL	87°, 15%, 36%
HSV	87°, 26%, 41%
XYZ	11.0985, 13.1578, 9.2887
YIQ	99.3340, 1.5150, -10.9410

Conversions

Conversions Part 2

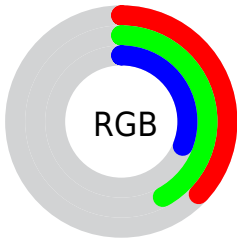
Format	Color
RYB	79, 106, 91
Decimal	6187599
CIELab	43.00, -9.92, 13.68
CIELCh	43, 16.901, 125.954
Yxy	13.1578, 0.3309, 0.3922
Android (android.graphics.Color)	4284377679 (0xFF5E6A4F)
YUV	99.3340, -10.0247, -4.6779
Hunter-Lab	36.2736, -8.8640, 10.2090

Details

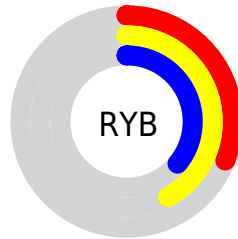
The CIELCh color $43, 16.901, 125.954$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $36, 17.543, 308.338$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 16.815, 125.118$, and $23, 17.169, 125.167$ is the 20% darker color. If you saturate the color by 10%, you get $42, 23.433, 125.486$, and if you desaturate by 10%, it is $44, 10.295, 126.425$.

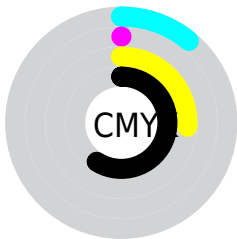
Distribution



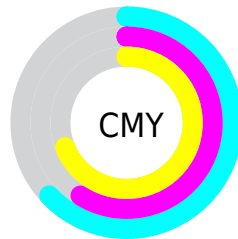
- Red (37%)
- Green (42%)
- Blue (31%)



- Red (31%)
- Yellow (42%)
- Blue (36%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (59%)





- Cyan (63%)
- Magenta (59%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 16.901, 125.954 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, 16.901, 125.954 by changing the saturation by 10% instead.


 43, 16.901,
125.954


 43, 16.901,
125.954


 100, 16.901,
125.954


 33, 16.901,
125.954

 63, 16.901,
125.954


 23, 16.901,
125.954

 73, 16.901,
125.954

 13, 16.901,
125.954


 83, 16.901,
125.954

 3, 16.901, 125.954

 93, 16.901,
125.954

 0, 16.901, 125.954

 43, 16.901,

 43, 16.901,

125.954

■ 42, 23.433,
125.486

■ 42, 29.810,
125.038

■ 41, 35.926,
124.650

■ 41, 41.627,
124.378

■ 41, 46.702,
124.304

■ 40, 50.899,
124.529

■ 40, 54.166,
125.059

■ 40, 55.622,
125.236

125.954

■ 44, 10.295,
126.425

■ 44, 3.664, 126.887

■ 45, 2.952, 307.274

■ 46, 9.526, 307.684

■ 47, 16.036,
308.051

■ 47, 22.470,
308.386

■ 48, 28.816,
308.690

■ 49, 35.067,
308.965

■ 50, 41.218,

Harmonies

Complementary

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



43, 16.901, 125.954



36, 17.543, 308.338

Rectangle

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



43, 16.901, 125.954



43, 16.901, 175.954



43, 16.901, 305.954



43, 16.901, 355.954

Sweetspot

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



43, 16.902, 125.956



57, 6.581, 126.762



40, 9.968, 65.200



29, 4.643, 126.708



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, 16.902, 125.956



55, 25.447, 125.657



42, 19.466, 141.194



22, 3.761, 126.728



44, 60.011, 125.430



87, 104.133, 126.381

Inverse Universe

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



36, 17.543, 308.338



44, 26.681, 308.687



37, 19.535, 323.845



20, 3.814, 307.498



16, 70.819, 311.157



38, 122.676, 310.517

Previews

White Background



This preview shows how the CIE LCh color 43, 16.901, 125.954 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, 16.901, 125.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

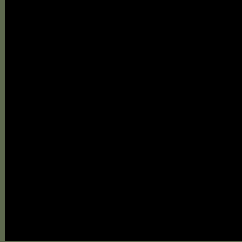
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 16.901, 125.954

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.901, 125.954.



This preview shows how white text looks on a background with the CIELCh color 43, 16.901, 125.954.

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, 16.901, 125.954

Protanopia

43, 14.687, 95.584

Deuteranopia

43, 14.090, 66.009



Tritanopia
43, 5.037, 272.511

Trichromacy



Original Color
43, 16.901, 125.954

Protanomaly
43, 14.883, 107.976

Deuteranomaly
43, 12.657, 89.745

Tritanomaly
43, 3.781, 159.562

Monochromacy



Original Color
43, 16.901, 125.954

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.683, 126.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.901, 125.954 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(94, 106, 79)` looks like.

```
.text, #text, p{  
    color:rgb(94, 106, 79)  
}
```

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(94, 106, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 106, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.901, 125.954 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(94, 106, 79) }
```

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

```
.border{ border-color:rgb(94, 106, 79) }
```

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

Here you see how a box with a 4 pixel rgb(94, 106, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 106, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 106, 79);  
box-shadow:4px 4px 4px 4px rgb(94, 106,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.901, 125.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 106, 79) }
```

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

```
.background{ background-color: rgb(94, 106,  
79) }
```

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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