

Converting Colors

CIELCh(43, 16.684, 95.614)

Have a look what the booklet for
CIELCh(43, 16.684, 95.614) contains.

CIELCh(43, 16.527, 94.998)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 16.527, 94.998)

Conversions

Conversions Part 1

Format	Color
Hex	6D654A
RGB	109, 101, 74
RGB Percent	43%, 40%, 29%
CMY	0.5710, 0.6024, 0.7084
CMYK	0.00, 0.07, 0.32, 0.57
HSL	46°, 19%, 36%
HSV	46°, 32%, 43%
XYZ	12.2948, 13.1578, 8.4354
YIQ	100.3140, 13.4350, -6.7010

Conversions

Conversions Part 2

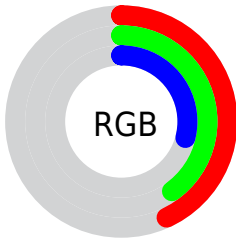
Format	Color
RYB	84, 109, 74
Decimal	7169354
CIELab	43.00, -1.44, 16.46
CIELCh	43, 16.527, 94.998
Yxy	13.1578, 0.3628, 0.3883
Android (android.graphics.Color)	4285359434 (0xFF6D654A)
YUV	100.3140, -12.9728, 7.6176
Hunter-Lab	36.2736, -2.9768, 11.6037

Details

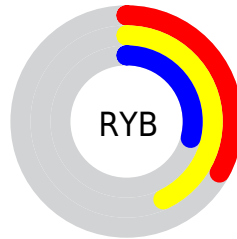
The CIELCh color **43, 16.527, 94.998** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35, 16.992, 283.008**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 16.548, 95.333**, and **23, 16.213, 93.452** is the 20% darker color. If you saturate the color by 10%, you get **42, 21.719, 93.814**, and if you desaturate by 10%, it is **44, 11.327, 96.166**.

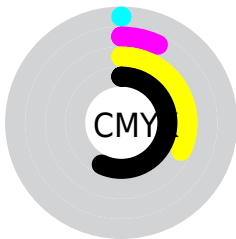
Distribution



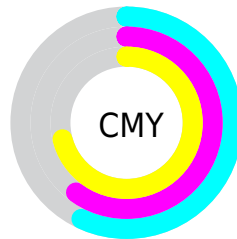
- Red (43%)
- Green (40%)
- Blue (29%)



- Red (33%)
- Yellow (43%)
- Blue (29%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (57%)





















- Cyan (57%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 16.527, 94.998 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, 16.527, 94.998 by changing the saturation by 10% instead.

 43, 16.527, 94.998	 43, 16.527, 94.998
 100, 16.527, 94.998	 33, 16.527, 94.998
 63, 16.527, 94.998	 23, 16.527, 94.998
 73, 16.527, 94.998	 13, 16.527, 94.998
 83, 16.527, 94.998	 3, 16.527, 94.998
 93, 16.527, 94.998	 0, 16.527, 94.998
 43, 16.527, 94.998	 43, 16.527, 94.998
 42, 21.719, 93.814	 44, 11.327, 96.166
 41, 26.837, 92.601	 45, 6.153, 97.293

■ 40, 31.773, 91.367

■ 46, 1.023, 98.303

■ 39, 36.349, 90.104

■ 47, 4.053, 279.502

■ 39, 40.287, 88.789

■ 48, 9.070, 280.507

■ 38, 43.235, 87.377

■ 49, 14.029,
281.479

■ 37, 45.464, 86.290

■ 50, 18.929,
282.408

■ 51, 23.774,
283.293

■ 53, 28.565,
284.134

Harmonies

Complementary

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



43, 16.527, 94.998



35, 16.992, 283.008

Rectangle

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



43, 16.527, 94.998



43, 16.527, 144.998



43, 16.527, 274.998



43, 16.527, 324.998

Sweetspot

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



43, 16.528, 95.003



58, 6.364, 97.485



36, 16.240, 4.142



29, 4.314, 97.370



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, 16.528, 95.003



55, 24.437, 94.171



45, 21.000, 118.691



22, 2.822, 97.629



40, 47.747, 86.141



79, 81.760, 84.985

Inverse Universe

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



35, 16.992, 283.008



43, 25.335, 284.273



34, 22.374, 302.744



21, 2.847, 279.676



16, 61.446, 300.245



37, 111.588, 301.930

Previews

White Background



This preview shows how the CIELCh color 43, 16.527, 94.998 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, 16.527, 94.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

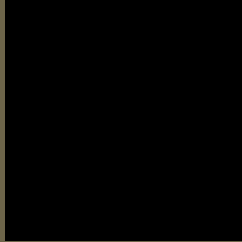
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 16.527, 94.998

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.527, 94.998.

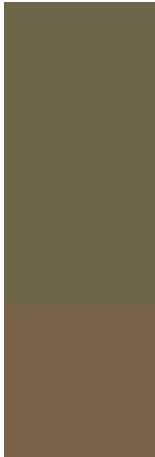


This preview shows how white text looks on a background with the CIELCh color 43, 16.527, 94.998.

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, 16.527, 94.998

Protanopia

43, 16.527, 94.998

Deuteranopia

43, 17.104, 69.813



Tritanopia
43, 8.221, 344.763

Trichromacy



Original Color
43, 16.527, 94.998

Protanomaly
43, 16.527, 94.998

Deuteranomaly
43, 16.441, 79.647

Tritanomaly
43, 6.367, 47.946

Monochromacy



Original Color
43, 16.527, 94.998

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.126, 97.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.527, 94.998 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(109, 101, 74)` looks like.

```
.text, #text, p{  
    color:rgb(109, 101, 74)  
}
```

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(109, 101, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 101, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.527, 94.998 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(109, 101, 74) }
```

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

```
.border{ border-color:rgb(109, 101, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 101, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 101, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 101, 74);  
box-shadow:4px 4px 4px 4px rgb(109, 101,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.527, 94.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 101, 74) }
```

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

```
.background{ background-color: rgb(109,  
101, 74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor