

Converting Colors

CIELCh(43, 17.084, 103.706)

Have a look what the booklet for
CIELCh(43, 17.084, 103.706)
contains.

CIELCh(43, 17.252, 104.613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 17.252, 104.613)

Conversions

Conversions Part 1

Format	Color
Hex	69674A
RGB	105, 103, 74
RGB Percent	41%, 40%, 29%
CMY	0.5888, 0.5966, 0.7104
CMYK	0.00, 0.02, 0.30, 0.59
HSL	56°, 17%, 35%
HSV	56°, 30%, 41%
XYZ	11.8749, 13.1578, 8.3674
YIQ	100.2920, 10.5010, -8.5950

Conversions

Conversions Part 2

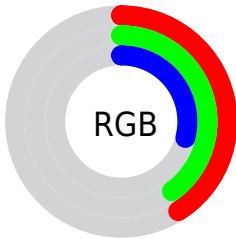
Format	Color
RYB	76, 105, 74
Decimal	6907722
CIELab	43.00, -4.35, 16.69
CIElCh	43, 17.252, 104.613
Yxy	13.1578, 0.3555, 0.3939
Android (android.graphics.Color)	4285097802 (0xFF69674A)
YUV	100.2920, -12.9620, 4.1289
Hunter-Lab	36.2736, -5.0435, 11.7149

Details

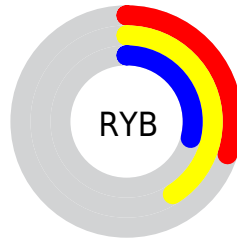
The CIELCh color $43, 17.252, 104.613$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $33, 18.276, 290.968$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 17.229, 104.153$, and $23, 16.939, 104.620$ is the 20% darker color. If you saturate the color by 10%, you get $43, 22.964, 103.647$, and if you desaturate by 10%, it is $43, 11.448, 105.590$.

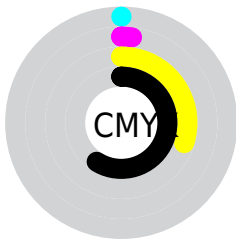
Distribution



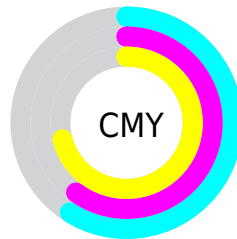
- Red (41%)
- Green (40%)
- Blue (29%)



- Red (30%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (59%)




- Cyan (59%)
- Magenta (60%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 17.252, 104.613 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, 17.252, 104.613 by changing the saturation by 10% instead.


 43, 17.252,
104.613


 43, 17.252,
104.613


 100, 17.252,
104.613


 33, 17.252,
104.613

 63, 17.252,
104.613


 23, 17.252,
104.613

 73, 17.252,
104.613

 13, 17.252,
104.613


 83, 17.252,
104.613

 3, 17.252, 104.613

 93, 17.252,
104.613

 0, 17.252, 104.613

 43, 17.252,

 43, 17.252,

104.613

104.613

■ 43, 22.964,
103.647

■ 43, 11.448,
105.590

■ 42, 28.502,
102.694

■ 44, 5.598, 106.551

■ 42, 33.749,
101.777

■ 44, 0.266, 287.722

■ 45, 6.122, 288.442

■ 42, 38.524,
100.918

■ 45, 11.958,
289.330

■ 41, 42.582,
100.138

■ 46, 17.766,
290.186

■ 41, 45.634, 99.459

■ 47, 23.538,
291.005

■ 41, 48.118, 98.845

■ 47, 29.271,
291.785

■ 41, 48.236, 98.818

■ 48, 34.961,

Harmonies

Complementary

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



43, 17.252, 104.613



33, 18.276, 290.968

Rectangle

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



43, 17.252, 104.613



43, 17.252, 154.613



43, 17.252, 284.613



43, 17.252, 334.613

Sweetspot

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



43, 17.253, 104.617



56, 6.493, 106.581



35, 14.103, 16.515



29, 4.547, 106.475



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, 17.253, 104.617



54, 25.086, 103.995



42, 19.365, 125.351



22, 3.349, 106.606



45, 52.209, 98.764



90, 89.614, 98.507

Inverse Universe

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



33, 18.276, 290.968



40, 26.981, 291.952



34, 20.247, 308.179



20, 3.409, 288.380



12, 71.908, 304.970



32, 127.050, 305.710

Previews

White Background



This preview shows how the CIELCh color 43, 17.252, 104.613 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, 17.252, 104.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

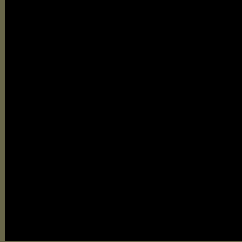
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 17.252, 104.613

Background



This preview shows how black text looks on a background with the CIELCh color 43, 17.252, 104.613.



This preview shows how white text looks on a background with the CIELCh color 43, 17.252, 104.613.

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

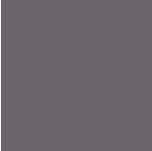
43, 17.252, 104.613

Protanopia

43, 17.104, 95.313

Deuteranopia

43, 17.104, 69.813



Tritanopia
43, 5.916, 334.839

Trichromacy



Original Color
43, 17.252, 104.613

Protanomaly
43, 17.408, 100.077

Deuteranomaly
43, 15.999, 82.543

Tritanomaly
43, 4.678, 69.759

Monochromacy



Original Color
43, 17.252, 104.613

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 6.608, 105.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 17.252, 104.613 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(105, 103, 74)` looks like.

```
.text, #text, p{  
    color:rgb(105, 103, 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(105, 103, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 103, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 17.252, 104.613 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(105, 103, 74) }
```

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

```
.border{ border-color:rgb(105, 103, 74) }
```

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

Here you see how a box with a 4 pixel rgb(105, 103, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 103, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 103, 74);  
box-shadow:4px 4px 4px 4px rgb(105, 103,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 17.252, 104.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 103, 74) }
```

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

```
.background{ background-color: rgb(105,  
103, 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](#).

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