

Converting Colors

CIELCh(43, 21.984, 105.829)

Have a look what the booklet for
CIELCh(43, 21.984, 105.829)
contains.

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Color

CIELCh(43, 21.872, 105.718)

Conversions

Conversions Part 1

Format	Color
Hex	686742
RGB	104, 103, 66
RGB Percent	41%, 40%, 26%
CMY	0.5904, 0.5943, 0.7395
CMYK	0.00, 0.01, 0.36, 0.59
HSL	58°, 22%, 34%
HSV	58°, 36%, 41%
XYZ	11.6521, 13.1578, 7.1451
YIQ	99.0810, 12.4730, -11.2950

Conversions

Conversions Part 2

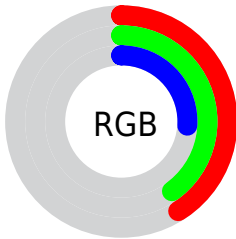
Format	Color
RYB	67, 104, 66
Decimal	6842178
CIELab	43.00, -5.93, 21.05
CIElCh	43, 21.872, 105.718
Yxy	13.1578, 0.3646, 0.4118
Android (android.graphics.Color)	4285032258 (0xFF686742)
YUV	99.0810, -16.3089, 4.3140
Hunter-Lab	36.2736, -6.1395, 13.7128

Details

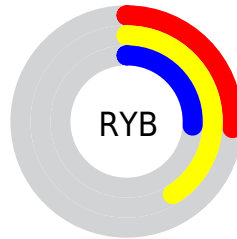
The CIELCh color $43, 21.872, 105.718$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $30, 23.716, 293.552$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 22.134, 105.550$, and $23, 21.744, 105.293$ is the 20% darker color. If you saturate the color by 10%, you get $43, 27.620, 104.815$, and if you desaturate by 10%, it is $43, 15.958, 106.650$.

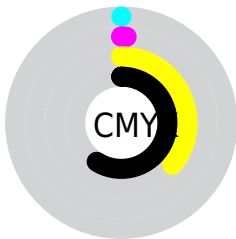
Distribution



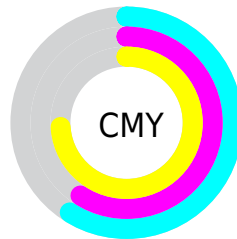
- Red (41%)
- Green (40%)
- Blue (26%)



- Red (26%)
- Yellow (41%)
- Blue (26%)



- Cyan (0%)
- Magenta (1%)
- Yellow (36%)
- Black (59%)





- Cyan (59%)
- Magenta (59%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 21.872, 105.718 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, 21.872, 105.718 by changing the saturation by 10% instead.


 43, 21.872,
105.718


 43, 21.872,
105.718


 100, 21.872,
105.718


 33, 21.872,
105.718

 63, 21.872,
105.718


 23, 21.872,
105.718

 73, 21.872,
105.718

 13, 21.872,
105.718

 83, 21.872,
105.718

 3, 21.872, 105.718

 93, 21.872,
105.718

 0, 21.872, 105.718

 43, 21.872,

 43, 21.872,

105.718

■ 43, 27.620,
104.815

■ 43, 33.089,
103.950

■ 42, 38.117,
103.153

■ 42, 42.479,
102.452

■ 42, 45.905,
101.877

■ 42, 48.429,
101.417

■ 42, 49.360,
101.253

105.718

■ 43, 15.958,
106.650

■ 44, 9.948, 107.585

■ 44, 3.889, 108.507

■ 44, 2.188, 289.454

■ 45, 8.262, 290.328

■ 45, 14.319,
291.185

■ 46, 20.350,
292.010

■ 46, 26.347,
292.799

■ 47, 32.305,
293.549

Harmonies

Complementary

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



43, 21.872, 105.718



30, 23.716, 293.552

Rectangle

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



43, 21.872, 105.718



43, 21.872, 155.718



43, 21.872, 285.718



43, 21.872, 335.718

Sweetspot

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



43, 21.873, 105.721



56, 8.245, 108.059



33, 17.740, 19.945



29, 5.583, 107.971



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, 21.873, 105.721



55, 32.399, 104.921



42, 23.898, 126.263



21, 3.340, 108.281



46, 52.752, 101.235



91, 91.381, 101.134

Inverse Universe

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



30, 23.716, 293.552



35, 36.037, 295.036



31, 25.183, 309.666



19, 3.404, 289.983



11, 72.731, 305.728



31, 127.656, 306.060

Previews

White Background



This preview shows how the CIELCh color 43, 21.872, 105.718 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, 21.872, 105.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

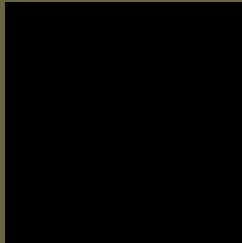
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

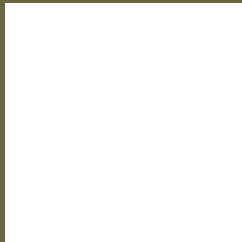
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 21.872, 105.718

Background



This preview shows how black text looks on a background with the CIELCh color 43, 21.872, 105.718.



This preview shows how white text looks on a background with the CIELCh color 43, 21.872, 105.718.

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, 21.872, 105.718

Protanopia

43, 21.667, 97.092

Deuteranopia

43, 21.195, 73.828



Tritanopia
43, 5.916, 334.839

Trichromacy



Original Color
43, 21.872, 105.718

Protanomaly
43, 21.997, 100.876

Deuteranomaly
43, 20.788, 84.743

Tritanomaly
43, 5.975, 83.709

Monochromacy



Original Color
43, 21.872, 105.718

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 7.803, 105.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 21.872, 105.718 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(104, 103, 66)` looks like.

```
.text, #text, p{  
    color:rgb(104, 103, 66)  
}
```

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(104, 103, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 103, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 21.872, 105.718 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(104, 103, 66) }
```

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

```
.border{ border-color:rgb(104, 103, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 103, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 103, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 103, 66);  
box-shadow:4px 4px 4px 4px rgb(104, 103,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 21.872, 105.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 103, 66) }
```

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

```
.background{ background-color: rgb(104,  
103, 66) }
```

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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