

Converting Colors

CIELCh(43, 3.966, 87.587)

Have a look what the booklet for
CIELCh(43, 3.966, 87.587) contains.

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Color

CIELCh(43, 3.969, 84.243)

Conversions

Conversions Part 1

Format	Color
Hex	69655F
RGB	105, 101, 95
RGB Percent	41%, 40%, 37%
CMY	0.5879, 0.6036, 0.6272
CMYK	0.00, 0.04, 0.10, 0.59
HSL	36°, 5%, 39%
HSV	36°, 10%, 41%
XYZ	12.5649, 13.1578, 12.7220
YIQ	101.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

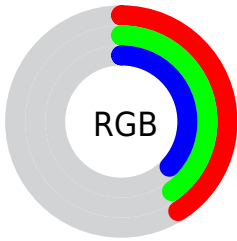
Format	Color
R_{YB}	102, 105, 95
Decimal	6907231
CIE Lab	43.00, 0.40, 3.95
CIE LCh	43, 3.969, 84.243
Yxy	13.1578, 0.3268, 0.3423
Android (android.graphics.Color)	4285097311 (0xFF69655F)
YUV	101.5120, -3.2104, 3.0590
Hunter-Lab	36.2736, -1.6479, 4.5972

Details

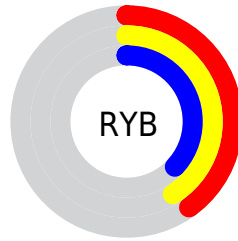
The CIELCh color $43, 3.969, 84.243$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 3.941, 266.673$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 4.192, 87.713$, and $23, 3.835, 79.466$ is the 20% darker color. If you saturate the color by 10%, you get $42, 8.263, 83.062$, and if you desaturate by 10%, it is $45, 0.204, 266.384$.

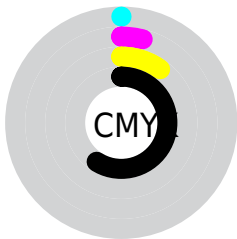
Distribution



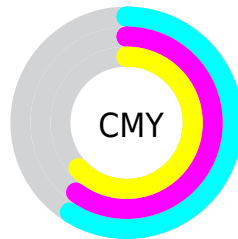
- Red (41%)
- Green (40%)
- Blue (37%)



- Red (40%)
- Yellow (41%)
- Blue (37%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (59%)



- Cyan (59%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 3.969, 84.243 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, 3.969, 84.243 by changing the saturation by 10% instead.

■ 43, 3.969, 84.243 ■ 43, 3.969, 84.243

■ 100, 3.969, 84.243 ■ 33, 3.969, 84.243

■ 63, 3.969, 84.243 ■ 23, 3.969, 84.243

■ 73, 3.969, 84.243 ■ 13, 3.969, 84.243

■ 83, 3.969, 84.243 ■ 3, 3.969, 84.243

■ 93, 3.969, 84.243 ■ 0, 3.969, 84.243

■ 43, 3.969, 84.243 ■ 43, 3.969, 84.243

■ 42, 8.263, 83.062 ■ 45, 0.204, 266.384

■ 40, 12.677, 81.812 ■ 46, 4.264, 266.682

■ 39, 17.207, 80.527 ■ 48, 8.220, 267.764

37, 21.830, 79.207

49, 12.081,
268.814

36, 26.492, 77.843

51, 15.855,
269.821

35, 31.090, 76.411

33, 35.426, 74.852

52, 19.550,
270.782

32, 39.171, 73.050

54, 23.175,
271.698

31, 42.802, 71.346

56, 26.735,
272.569

57, 30.237,
273.395

Harmonies

Complementary

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



43, 3.969, 84.243



42, 3.941, 266.673

Rectangle

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



43, 3.969, 84.243



43, 3.969, 134.243



43, 3.969, 264.243



43, 3.969, 314.243

Sweetspot

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



43, 3.970, 84.262



57, 1.544, 84.933



41, 4.857, 350.169



29, 1.164, 84.878



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, 3.970, 84.262



55, 5.744, 84.052



44, 5.978, 113.383



22, 2.379, 84.324



34, 46.561, 70.860



70, 80.375, 68.763

Inverse Universe

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



42, 3.941, 266.673



54, 5.689, 266.909



41, 6.104, 294.876



21, 2.363, 266.604



21, 47.204, 290.723



46, 86.363, 293.159

Previews

White Background



This preview shows how the CIELCh color 43, 3.969, 84.243 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, 3.969, 84.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

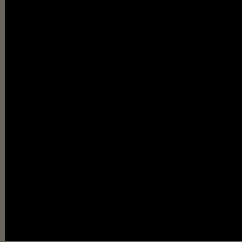
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

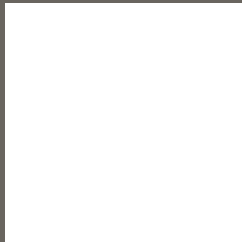
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 3.969, 84.243

Background



This preview shows how black text looks on a background with the CIELCh color 43, 3.969, 84.243.



This preview shows how white text looks on a background with the CIELCh color 43, 3.969, 84.243.

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

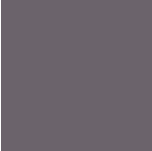
43, 3.969, 84.243

Protanopia

43, 3.969, 84.243

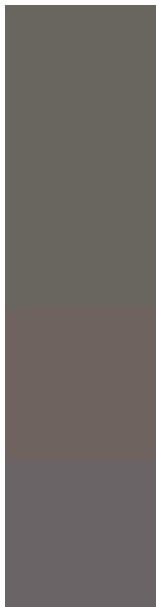
Deuteranopia

43, 6.982, 30.060



Tritanopia
43, 5.855, 324.799

Trichromacy



Original Color
43, 3.969, 84.243

Protanomaly
43, 3.969, 84.243

Deuteranomaly
43, 5.441, 39.192

Tritanomaly
43, 3.088, 344.005

Monochromacy



Original Color
43, 3.969, 84.243

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 1.838, 96.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 3.969, 84.243 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, 101, 95)` looks like.

```
.text, #text, p{  
    color:rgb(105, 101, 95)  
}
```

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, 101, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 101, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 3.969, 84.243 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, 101, 95) }
```

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

```
.border{ border-color:rgb(105, 101, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 101, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 101, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 101, 95);  
box-shadow:4px 4px 4px 4px rgb(105, 101,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 3.969, 84.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 101, 95) }
```

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

```
.background{ background-color: rgb(105,  
101, 95) }
```

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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