

Converting Colors

CIELCh(43, 6.926, 56.623)

Have a look what the booklet for
CIELCh(43, 6.926, 56.623) contains.

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Color

CIELCh(43, 7.050, 56.302)

Conversions

Conversions Part 1

Format	Color
Hex	70635C
RGB	112, 99, 92
RGB Percent	44%, 39%, 36%
CMY	0.5605, 0.6115, 0.6390
CMYK	0.00, 0.12, 0.18, 0.56
HSL	21°, 10%, 40%
HSV	21°, 18%, 44%
XYZ	13.0920, 13.1578, 11.9885
YIQ	102.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

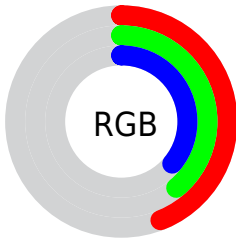
Format	Color
R_{YB}	112, 103, 92
Decimal	7365468
CIE Lab	43.00, 3.91, 5.87
CIE LCh	43, 7.050, 56.302
Yxy	13.1578, 0.3424, 0.3441
Android (android.graphics.Color)	4285555548 (0xFF70635C)
YUV	102.0890, -4.9739, 8.6919
Hunter-Lab	36.2736, 0.9461, 5.7961

Details

The CIELCh color $43, 7.050, 56.302$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 6.479, 239.575$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 7.149, 58.216$, and $23, 7.188, 60.138$ is the 20% darker color. If you saturate the color by 10%, you get $41, 11.377, 55.586$, and if you desaturate by 10%, it is $45, 2.999, 57.041$.

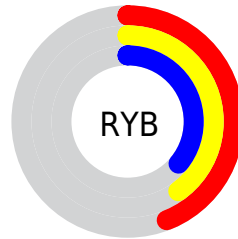
Distribution



Red (44%)

Green (39%)

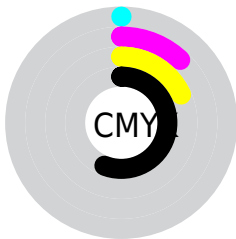
Blue (36%)



Red (44%)

Yellow (40%)

Blue (36%)

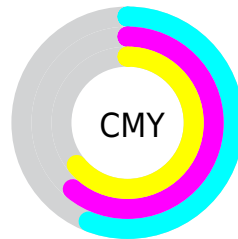


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 7.050, 56.302 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, 7.050, 56.302 by changing the saturation by 10% instead.

■ 43, 7.050, 56.302 ■ 43, 7.050, 56.302

■ 100, 7.050, 56.302 ■ 33, 7.050, 56.302

■ 63, 7.050, 56.302 ■ 23, 7.050, 56.302

■ 73, 7.050, 56.302 ■ 13, 7.050, 56.302

■ 83, 7.050, 56.302 ■ 3, 7.050, 56.302

■ 93, 7.050, 56.302 ■ 0, 7.050, 56.302

■ 43, 7.050, 56.302 ■ 43, 7.050, 56.302

■ 41, 11.377, 55.586 ■ 45, 2.999, 57.041

■ 38, 16.003, 54.902 ■ 48, 0.800, 238.347

■ 36, 20.936, 54.282 ■ 50, 4.374, 238.853

34, 26.169, 53.731

53, 7.746, 239.650

32, 31.651, 53.235

55, 10.941,
240.461

30, 37.254, 52.736

58, 13.980,
241.266

28, 42.689, 52.077

27, 47.532, 51.122

60, 16.881,
242.056

26, 48.538, 50.964

63, 19.660,
242.828

65, 22.333,
243.577

Harmonies

Complementary

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



43, 7.050, 56.302



44, 6.479, 239.575

Rectangle

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



43, 7.050, 56.302



43, 7.050, 106.302



43, 7.050, 236.302



43, 7.050, 286.302

Sweetspot

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



43, 7.050, 56.315



59, 2.342, 57.203



41, 11.434, 337.605



30, 1.614, 57.175



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 7.050, 56.315



54, 10.394, 56.042



46, 10.127, 101.386



22, 2.159, 56.963



28, 51.429, 51.022



59, 90.484, 49.399

Inverse Universe

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



44, 6.479, 239.575



55, 9.367, 240.015



41, 10.381, 285.322



22, 2.075, 238.674



31, 29.855, 262.730



63, 52.849, 265.883

Previews

White Background



This preview shows how the CIELCh color 43, 7.050, 56.302 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, 7.050, 56.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

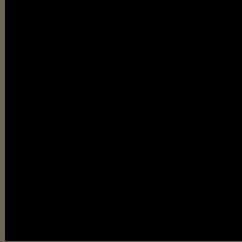
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 7.050, 56.302

Background



This preview shows how black text looks on a background with the CIELCh color 43, 7.050, 56.302.



This preview shows how white text looks on a background with the CIELCh color 43, 7.050, 56.302.

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, 7.050, 56.302

Protanopia

43, 5.084, 89.761

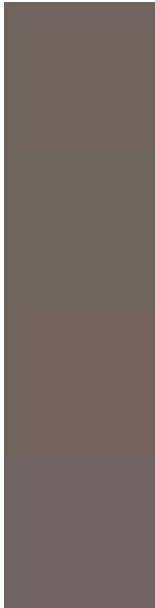
Deuteranopia

43, 8.264, 45.860



Tritanopia
43, 8.564, 346.480

Trichromacy



Original Color
43, 7.050, 56.302

Protanomaly
43, 5.426, 70.144

Deuteranomaly
43, 7.864, 47.232

Tritanomaly
43, 6.460, 9.548

Monochromacy



Original Color
43, 7.050, 56.302

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 2.760, 60.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 7.050, 56.302 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(112, 99, 92)` looks like.

```
.text, #text, p{  
    color:rgb(112, 99, 92)  
}
```

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(112, 99, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 99, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 7.050, 56.302 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(112, 99, 92) }
```

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

```
.border{ border-color:rgb(112, 99, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 99, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 99, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 99, 92);  
box-shadow:4px 4px 4px 4px rgb(112, 99,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 7.050, 56.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 99, 92) }
```

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

```
.background{ background-color: rgb(112, 99,  
92) }
```

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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