

Converting Colors

CIELCh(43, 10.002, 30.818)

Have a look what the booklet for
CIELCh(43, 10.002, 30.818) contains.

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Color

CIELCh(43, 10.219, 30.709)

Conversions

Conversions Part 1

Format	Color
Hex	77605D
RGB	119, 96, 93
RGB Percent	47%, 38%, 36%
CMY	0.5321, 0.6224, 0.6342
CMYK	0.00, 0.19, 0.22, 0.53
HSL	7°, 12%, 42%
HSV	7°, 22%, 47%
XYZ	13.8475, 13.1578, 12.2328
YIQ	102.5350, 14.6710, 3.9430

Conversions

Conversions Part 2

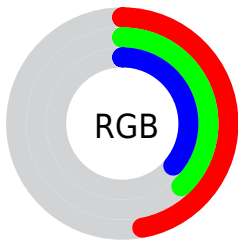
Format	Color
R _Y B	119, 96, 93
Decimal	7823453
CIE Lab	43.00, 8.79, 5.22
CIE LCh	43, 10.219, 30.709
Yxy	13.1578, 0.3529, 0.3353
Android (android.graphics.Color)	4286013533 (0xFF77605D)
YUV	102.5350, -4.7008, 14.4398
Hunter-Lab	36.2736, 4.6640, 5.3967

Details

The CIELCh color **43, 10.219, 30.709** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47, 8.865, 210.124**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 10.290, 32.733**, and **23, 10.140, 32.509** is the 20% darker color. If you saturate the color by 10%, you get **40, 15.506, 31.229**, and if you desaturate by 10%, it is **46, 5.317, 30.350**.

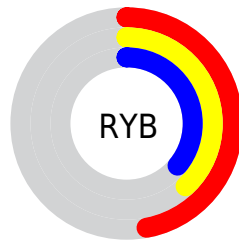
Distribution



Red (47%)

Green (38%)

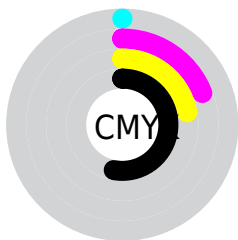
Blue (36%)



Red (47%)

Yellow (38%)

Blue (36%)

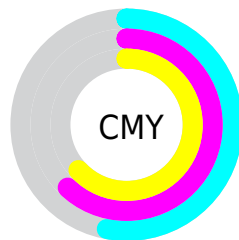


Cyan (0%)

Magenta (19%)

Yellow (22%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 10.219, 30.709 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, 10.219, 30.709 by changing the saturation by 10% instead.

■ 43, 10.219, 30.709

■ 43, 10.219, 30.709

■ 100, 10.219,
30.709

■ 33, 10.219, 30.709

■ 63, 10.219, 30.709

■ 23, 10.219, 30.709

■ 73, 10.219, 30.709

■ 13, 10.219, 30.709

■ 83, 10.219, 30.709

■ 3, 10.219, 30.709

■ 93, 10.219, 30.709

■ 0, 10.219, 30.709

■ 43, 10.219, 30.709

■ 43, 10.219, 30.709

■ 40, 15.506, 31.229

■ 46, 5.317, 30.350

■ 37, 21.185, 31.947

■ 50, 0.782, 29.730

34, 27.234, 32.927

53, 3.416, 210.219

31, 33.590, 34.219

56, 7.310, 210.125

29, 40.133, 35.847

60, 10.933,
210.127

27, 46.635, 37.745

63, 14.316,
210.180

25, 52.449, 39.384

66, 17.488,
210.266

24, 56.165, 40.349

70, 20.473,
210.376

73, 23.296,
210.503

Harmonies

Complementary

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



43, 10.219, 30.709



47, 8.865, 210.124

Rectangle

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



43, 10.219, 30.709



43, 10.219, 80.709



43, 10.219, 210.709



43, 10.219, 260.709

Sweetspot

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



43, 10.218, 30.718



61, 3.846, 30.193



43, 17.540, 328.471



32, 2.523, 30.208



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 10.218, 30.718



54, 15.433, 30.943



47, 10.284, 82.723



23, 2.472, 30.258



25, 57.430, 40.506



53, 101.100, 41.161

Inverse Universe

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



47, 8.865, 210.124



60, 12.925, 210.159



44, 10.054, 268.485



24, 2.339, 210.191



42, 25.720, 216.528



81, 43.444, 217.802

Previews

White Background



This preview shows how the CIELCh color 43, 10.219, 30.709 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 CIE LCh color 43, 10.219, 30.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

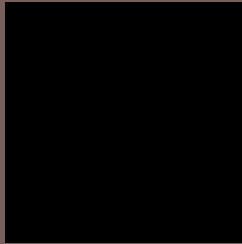
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 10.219, 30.709

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.219, 30.709.

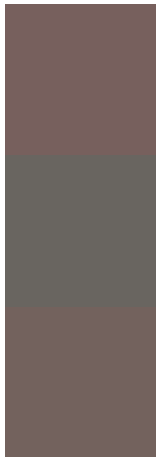


This preview shows how white text looks on a background with the CIELCh color 43, 10.219, 30.709.

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, 10.219, 30.709

Protanopia

43, 3.433, 80.116

Deuteranopia

43, 7.992, 42.131



Tritanopia
43, 11.361, 359.380

Trichromacy



Original Color
43, 10.219, 30.709

Protanomaly
43, 5.292, 46.753

Deuteranomaly
43, 9.057, 35.691

Tritanomaly
43, 10.940, 8.296

Monochromacy



Original Color
43, 10.219, 30.709

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 3.578, 39.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.219, 30.709 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(119, 96, 93)` looks like.

```
.text, #text, p{  
    color:rgb(119, 96, 93)  
}
```

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(119, 96, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 96, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.219, 30.709 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(119, 96, 93) }
```

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

```
.border{ border-color:rgb(119, 96, 93) }
```

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

Here you see how a box with a 4 pixel rgb(119, 96, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 96, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 96, 93);  
box-shadow:4px 4px 4px 4px rgb(119, 96,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.219, 30.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 96, 93) }
```

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

```
.background{ background-color: rgb(119, 96,  
93) }
```

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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