

Converting Colors

CIELCh(43, 63.634, 43.865)

Have a look what the booklet for
CIELCh(43, 63.634, 43.865) contains.

CIELCh(43, 63.592, 43.705)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 63.592, 43.705)

Conversions

Conversions Part 1

Format	Color
Hex	B33E1D
RGB	179, 62, 29
RGB Percent	70%, 24%, 11%
CMY	0.2973, 0.7562, 0.8857
CMYK	0.00, 0.65, 0.84, 0.30
HSL	13°, 72%, 41%
HSV	13°, 84%, 70%
XYZ	20.5880, 13.1578, 2.6262
YIQ	93.2210, 80.3250, 14.5410

Conversions

Conversions Part 2

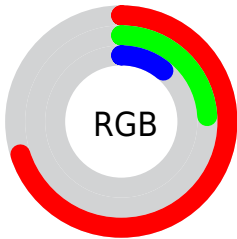
Format	Color
RYB	179, 71, 29
Decimal	11746845
CIELab	43.00, 45.97, 43.94
CIELCh	43, 63.592, 43.705
Yxy	13.1578, 0.5660, 0.3618
Android (android.graphics.Color)	4289936925 (0xFFB33E1D)
YUV	93.2210, -31.6610, 75.2282
Hunter-Lab	36.2736, 37.8332, 21.0990

Details

The CIELCh color **43, 63.592, 43.705** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **56, 32.252, 233.694**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 63.522, 43.871**, and **23, 57.241, 37.637** is the 20% darker color. If you saturate the color by 10%, you get **41, 71.235, 44.012**, and if you desaturate by 10%, it is **46, 54.852, 42.987**.

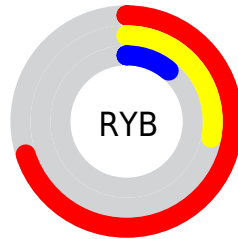
Distribution



Red (70%)

Green (24%)

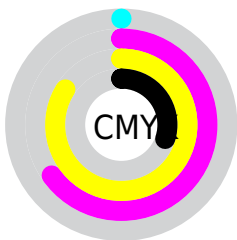
Blue (11%)



Red (70%)

Yellow (28%)

Blue (11%)

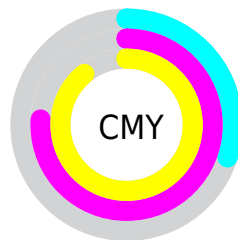


Cyan (0%)

Magenta (65%)

Yellow (84%)

Black (30%)



Cyan (30%)

Magenta (76%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 63.592, 43.705 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, 63.592, 43.705 by changing the saturation by 10% instead.

■ 43, 63.592, 43.705

■ 43, 63.592, 43.705

■ 100, 63.592,
43.705

■ 33, 63.592, 43.705

■ 63, 63.592, 43.705

■ 23, 63.592, 43.705

■ 73, 63.592, 43.705

■ 13, 63.592, 43.705

■ 83, 63.592, 43.705

■ 3, 63.592, 43.705

■ 93, 63.592, 43.705

■ 0, 63.592, 43.705

■ 43, 63.592, 43.705

■ 43, 63.592, 43.705

■ 41, 71.235, 44.012

■ 46, 54.852, 42.987

■ 40, 75.428, 44.213

■ 49, 45.967, 42.280

■ 52, 37.366, 41.745

■ 56, 29.236, 41.414

■ 59, 21.650, 41.273

■ 63, 14.619, 41.286

■ 67, 8.122, 41.412

■ 71, 2.122, 41.490

■ 76, 3.430, 222.191

Harmonies

Complementary

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



43, 63.592, 43.705



56, 32.252, 233.694

Rectangle

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



43, 63.592, 43.705



43, 63.592, 93.705



43, 63.592, 223.705



43, 63.592, 273.705

Sweetspot

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



43, 63.590, 43.707



79, 19.130, 41.275



42, 72.412, 337.356



41, 13.346, 41.262



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



43, 63.590, 43.707



51, 92.061, 43.777



59, 58.727, 83.547



36, 3.280, 41.481



34, 66.739, 44.461



3, 7.900, 36.049

Inverse Universe

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



56, 32.252, 233.694



69, 41.530, 240.613



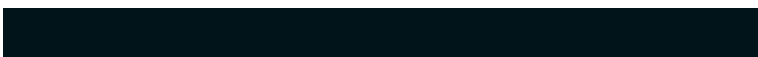
34, 66.644, 293.804



37, 3.101, 222.279



46, 30.314, 239.239



5, 7.483, 232.399

Previews

White Background



This preview shows how the CIELCh color 43, 63.592, 43.705 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, 63.592, 43.705 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, 63.592, 43.705

Background



This preview shows how black text looks on a background with the CIELCh color 43, 63.592, 43.705.



This preview shows how white text looks on a background with the CIELCh color 43, 63.592, 43.705.

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, 63.592, 43.705

Protanopia

43, 36.393, 96.356

Deuteranopia

43, 47.252, 83.455



Tritanopia
43, 55.396, 27.702

Trichromacy



Original Color
43, 63.592, 43.705

Protanomaly
42, 40.672, 67.143

Deuteranomaly
42, 49.966, 64.466

Tritanomaly
43, 58.145, 34.395

Monochromacy



Original Color
43, 63.592, 43.705

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 21.388, 41.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 63.592, 43.705 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(179, 62, 29)` looks like.

```
.text, #text, p{  
    color:rgb(179, 62, 29)  
}
```

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(179, 62, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 62, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 63.592, 43.705 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(179, 62, 29) }
```

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

```
.border{ border-color:rgb(179, 62, 29) }
```

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

Here you see how a box with a 4 pixel rgb(179, 62, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 62, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 62, 29);  
box-shadow:4px 4px 4px 4px rgb(179, 62,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 63.592, 43.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 62, 29) }
```

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

```
.background{ background-color: rgb(179, 62,  
29) }
```

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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