

Converting Colors

CIELCh(43, 58.132, 63.697)

Have a look what the booklet for
CIELCh(43, 58.132, 63.697) contains.

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Color

CIELCh(43, 58.229, 63.818)

Conversions

Conversions Part 1

Format	Color
Hex	9C5300
RGB	156, 83, 0
RGB Percent	61%, 33%, 0%
CMY	0.3899, 0.6759, 1.0000
CMYK	0.00, 0.47, 1.00, 0.39
HSL	32°, 100%, 31%
HSV	32°, 100%, 61%
XYZ	16.6922, 13.1578, 1.6477
YIQ	95.3650, 70.1510, -10.3370

Conversions

Conversions Part 2

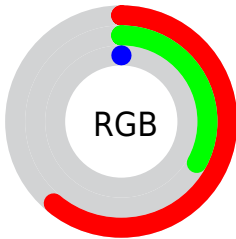
Format	Color
RYB	137, 156, 0
Decimal	10244864
CIELab	43.00, 25.69, 52.25
CIELCh	43, 58.229, 63.818
Yxy	13.1578, 0.5299, 0.4177
Android (android.graphics.Color)	4288434944 (0xFF9C5300)
YUV	95.3650, -47.0149, 53.1769
Hunter-Lab	36.2736, 18.6623, 22.6983

Details

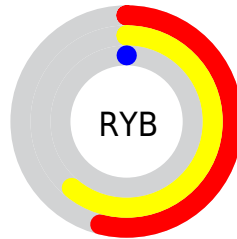
The CIELCh color **43, 58.229, 63.818** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **32, 52.404, 286.371**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 58.106, 63.669**, and **23, 42.736, 51.870** is the 20% darker color. If you saturate the color by 10%, you get **43, 58.124, 63.763**, and if you desaturate by 10%, it is **45, 53.861, 66.032**.

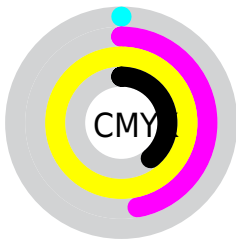
Distribution



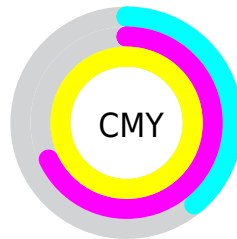
- Red (61%)
- Green (33%)
- Blue (0%)



- Red (54%)
- Yellow (61%)
- Blue (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (100%)
- Black (39%)



- Cyan (39%)
- Magenta (68%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 58.229, 63.818 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, 58.229, 63.818 by changing the saturation by 10% instead.

■ 43, 58.229, 63.818

■ 43, 58.229, 63.818

■ 100, 58.229,
63.818

■ 33, 58.229, 63.818

■ 63, 58.229, 63.818

■ 23, 58.229, 63.818

■ 73, 58.229, 63.818

■ 13, 58.229, 63.818

■ 83, 58.229, 63.818

■ 3, 58.229, 63.818

■ 93, 58.229, 63.818

■ 0, 58.229, 63.818

■ 43, 58.229, 63.818

■ 43, 58.229, 63.818

■ 43, 58.124, 63.763

■ 45, 53.861, 66.032

■ 47, 48.617, 68.003

■ 49, 42.476, 69.604

■ 51, 36.000, 71.032

■ 53, 29.509, 72.380

■ 55, 23.159, 73.691

■ 57, 17.020, 74.979

■ 59, 11.116, 76.242

■ 62, 5.445, 77.463

Harmonies

Complementary

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



43, 58.229, 63.818



32, 52.404, 286.371

Rectangle

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



43, 58.229, 63.818



43, 58.229, 113.818



43, 58.229, 243.818



43, 58.229, 293.818

Sweetspot

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



43, 58.124, 63.763



72, 21.034, 74.905



33, 58.508, 2.945



37, 14.581, 74.402



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



43, 58.124, 63.763



55, 70.605, 62.995



62, 67.018, 103.872



32, 3.114, 77.550



40, 54.535, 64.059



3, 3.933, 75.838

Inverse Universe

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



32, 52.404, 286.371



42, 64.727, 287.267



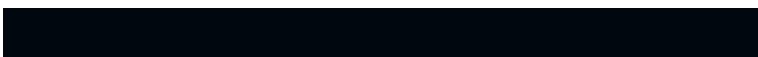
17, 92.422, 306.348



32, 3.064, 259.983



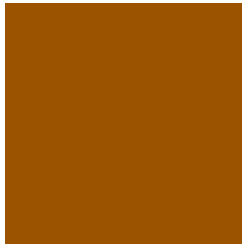
29, 48.850, 286.020



2, 4.101, 261.182

Previews

White Background



This preview shows how the CIELCh color 43, 58.229, 63.818 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, 58.229, 63.818 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, 58.229, 63.818

Background



This preview shows how black text looks on a background with the CIELCh color 43, 58.229, 63.818.



This preview shows how white text looks on a background with the CIELCh color 43, 58.229, 63.818.

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, 58.229, 63.818

Protanopia

43, 47.010, 96.000

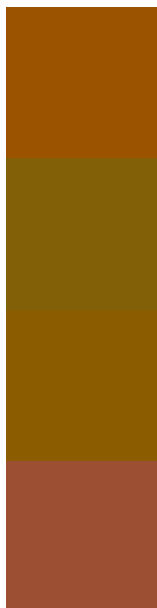
Deuteranopia

43, 50.727, 84.258



Tritanopia
43, 36.462, 20.705

Trichromacy



Original Color
43, 58.229, 63.818

Protanomaly
43, 48.803, 82.564

Deuteranomaly
43, 52.565, 75.915

Tritanomaly
43, 42.842, 45.308

Monochromacy



Original Color
43, 58.229, 63.818

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 22.782, 73.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 58.229, 63.818 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(156, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 83, 0)  
}
```

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(156, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 83, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 58.229, 63.818 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(156, 83, 0) }
```

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

```
.border{ border-color:rgb(156, 83, 0) }
```

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

Here you see how a box with a 4 pixel rgb(156, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 83, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 58.229, 63.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 83, 0) }
```

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

```
.background{ background-color: rgb(156, 83,  
0) }
```

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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