

Converting Colors

CIELCh(43, 22.745, 48.116)

Have a look what the booklet for
CIELCh(43, 22.745, 48.116) contains.

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Color

CIELCh(43, 22.789, 49.250)

Conversions

Conversions Part 1

Format	Color
Hex	865C4A
RGB	134, 92, 74
RGB Percent	53%, 36%, 29%
CMY	0.4754, 0.6400, 0.7106
CMYK	0.00, 0.31, 0.45, 0.48
HSL	18°, 29%, 41%
HSV	18°, 45%, 52%
XYZ	14.8315, 13.1578, 8.2002
YIQ	102.5060, 30.8100, 3.3060

Conversions

Conversions Part 2

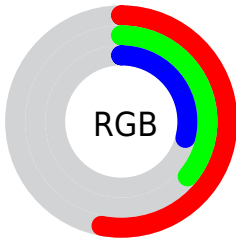
Format	Color
RYB	134, 100, 74
Decimal	8805450
CIELab	43.00, 14.88, 17.26
CIELCh	43, 22.789, 49.250
Yxy	13.1578, 0.4098, 0.3636
Android (android.graphics.Color)	4286995530 (0xFF865C4A)
YUV	102.5060, -14.0535, 27.6202
Hunter-Lab	36.2736, 9.5061, 11.9882

Details

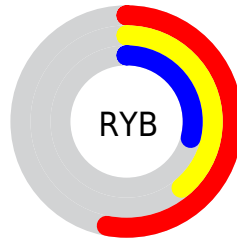
The CIELCh color $43, 22.789, 49.250$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $46, 17.278, 236.688$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 22.845, 48.276$, and $23, 22.682, 49.614$ is the 20% darker color. If you saturate the color by 10%, you get $40, 28.917, 49.002$, and if you desaturate by 10%, it is $46, 17.051, 49.619$.

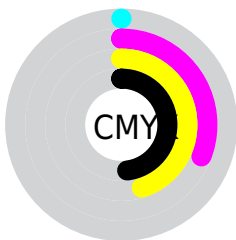
Distribution



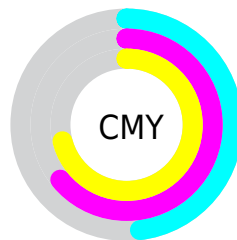
- Red (53%)
- Green (36%)
- Blue (29%)



- Red (53%)
- Yellow (39%)
- Blue (29%)



- Cyan (0%)
- Magenta (31%)
- Yellow (45%)
- Black (48%)



- Cyan (48%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 22.789, 49.250 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, 22.789, 49.250 by changing the saturation by 10% instead.

■ 43, 22.789, 49.250

■ 43, 22.789, 49.250

■ 100, 22.789,
49.250

■ 33, 22.789, 49.250

■ 63, 22.789, 49.250

■ 23, 22.789, 49.250

■ 73, 22.789, 49.250

■ 13, 22.789, 49.250

■ 83, 22.789, 49.250

■ 3, 22.789, 49.250

■ 93, 22.789, 49.250

■ 0, 22.789, 49.250

■ 43, 22.789, 49.250

■ 43, 22.789, 49.250

■ 40, 28.917, 49.002

■ 46, 17.051, 49.619

■ 38, 35.392, 48.858

■ 49, 11.707, 50.076

36, 42.086, 48.780

51, 6.738, 50.599

34, 48.697, 48.627

54, 2.116, 51.083

32, 54.673, 48.144

57, 2.193, 232.079

31, 57.697, 48.098

60, 6.222, 232.642

63, 10.003,
233.308

66, 13.567,
233.991

69, 16.938,
234.675

Harmonies

Complementary

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



43, 22.789, 49.250



46, 17.278, 236.688

Rectangle

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



43, 22.789, 49.250



43, 22.789, 99.250



43, 22.789, 229.250



43, 22.789, 279.250

Sweetspot

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



43, 22.788, 49.255



66, 7.260, 50.682



40, 34.143, 337.573



34, 5.094, 50.578



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



43, 22.788, 49.255



52, 35.250, 48.995



51, 28.011, 95.275



26, 2.491, 50.902



30, 56.368, 48.094



0, 0.580, 51.560

Inverse Universe

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



46, 17.278, 236.688



57, 24.729, 238.807



37, 29.665, 287.247



27, 2.377, 232.318



36, 29.321, 254.498



0, 0.580, 231.579

Previews

White Background



This preview shows how the CIELCh color 43, 22.789, 49.250 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, 22.789, 49.250 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, 22.789, 49.250

Background



This preview shows how black text looks on a background with the CIELCh color 43, 22.789, 49.250.



This preview shows how white text looks on a background with the CIELCh color 43, 22.789, 49.250.

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, 22.789, 49.250

Protanopia

43, 14.662, 95.611

Deuteranopia

43, 18.557, 72.807



Tritanopia
43, 20.784, 10.983

Trichromacy



Original Color
43, 22.789, 49.250

Protanomaly
43, 16.195, 73.627

Deuteranomaly
43, 19.917, 63.515

Tritanomaly
43, 20.232, 25.497

Monochromacy



Original Color
43, 22.789, 49.250

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 7.864, 47.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 22.789, 49.250 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(134, 92, 74)` looks like.

```
.text, #text, p{  
    color:rgb(134, 92, 74)  
}
```

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(134, 92, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 92, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 22.789, 49.250 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(134, 92, 74) }
```

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

```
.border{ border-color:rgb(134, 92, 74) }
```

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

Here you see how a box with a 4 pixel rgb(134, 92, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 92, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 92, 74);  
box-shadow:4px 4px 4px 4px rgb(134, 92,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 22.789, 49.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 92, 74) }
```

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

```
.background{ background-color: rgb(134, 92,  
74) }
```

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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