

Converting Colors

CIELCh(43, 19.985, 91.032)

Have a look what the booklet for
CIELCh(43, 19.985, 91.032) contains.

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Color

CIELCh(43, 19.878, 91.045)

Conversions

Conversions Part 1

Format	Color
Hex	716545
RGB	113, 101, 69
RGB Percent	44%, 40%, 27%
CMY	0.5582, 0.6052, 0.7306
CMYK	0.00, 0.11, 0.39, 0.56
HSL	44°, 24%, 36%
HSV	44°, 39%, 44%
XYZ	12.4527, 13.1578, 7.4631
YIQ	100.9400, 17.4240, -7.4080

Conversions

Conversions Part 2

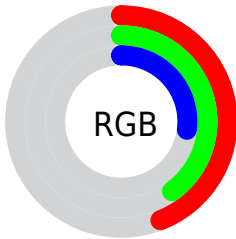
Format	Color
R_{YB}	86, 113, 69
Decimal	7431493
CIE Lab	43.00, -0.36, 19.87
CIE LCh	43, 19.878, 91.045
Yxy	13.1578, 0.3765, 0.3978
Android (android.graphics.Color)	4285621573 (0xFF716545)
YUV	100.9400, -15.7464, 10.5766
Hunter-Lab	36.2736, -2.2002, 13.1930

Details

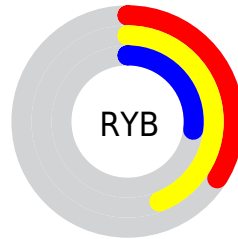
The CIELCh color **43, 19.878, 91.045** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35, 20.273, 281.528**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 19.796, 90.748**, and **23, 19.687, 90.062** is the 20% darker color. If you saturate the color by 10%, you get **42, 25.025, 89.785**, and if you desaturate by 10%, it is **44, 14.717, 92.284**.

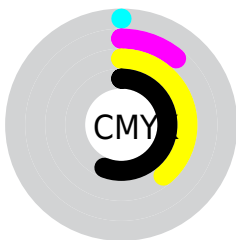
Distribution



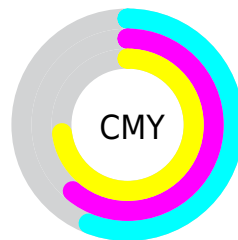
- Red (44%)
- Green (40%)
- Blue (27%)



- Red (34%)
- Yellow (44%)
- Blue (27%)



- Cyan (0%)
- Magenta (11%)
- Yellow (39%)
- Black (56%)



- Cyan (56%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 19.878, 91.045 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, 19.878, 91.045 by changing the saturation by 10% instead.

■ 43, 19.878, 91.045

■ 43, 19.878, 91.045

■ 100, 19.878,
91.045

■ 33, 19.878, 91.045

■ 63, 19.878, 91.045

■ 23, 19.878, 91.045

■ 73, 19.878, 91.045

■ 13, 19.878, 91.045

■ 83, 19.878, 91.045

■ 3, 19.878, 91.045

■ 93, 19.878, 91.045

■ 0, 19.878, 91.045

■ 43, 19.878, 91.045

■ 43, 19.878, 91.045

■ 42, 25.025, 89.785

■ 44, 14.717, 92.284

■ 41, 30.070, 88.486

■ 45, 9.588, 93.483

40, 34.863, 87.143

46, 4.515, 94.636

39, 39.158, 85.725

48, 0.489, 276.064

38, 42.592, 84.171

49, 5.421, 276.905

37, 45.434, 82.569

50, 10.281,
277.935

37, 45.748, 82.429

51, 15.071,
278.927

53, 19.796,
279.873

54, 24.457,
280.773

Harmonies

Complementary

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



43, 19.878, 91.045



35, 20.273, 281.528

Rectangle

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



43, 19.878, 91.045



43, 19.878, 141.045



43, 19.878, 271.045



43, 19.878, 321.045

Sweetspot

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



43, 19.879, 91.050



59, 7.415, 94.265



35, 20.769, 1.521



30, 4.960, 94.158



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, 19.879, 91.050



54, 29.561, 89.891



46, 25.895, 116.181



23, 2.803, 94.639



39, 47.791, 82.269



78, 81.309, 80.883

Inverse Universe

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



35, 20.273, 281.528



41, 30.418, 283.453



32, 28.179, 301.755



22, 2.819, 276.780



18, 58.958, 298.388



39, 106.482, 300.219

Previews

White Background



This preview shows how the CIELCh color 43, 19.878, 91.045 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, 19.878, 91.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

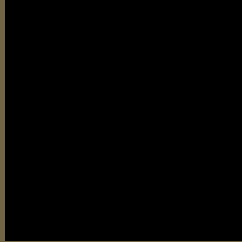
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 19.878, 91.045

Background



This preview shows how black text looks on a background with the CIELCh color 43, 19.878, 91.045.



This preview shows how white text looks on a background with the CIELCh color 43, 19.878, 91.045.

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, 19.878, 91.045

Protanopia

43, 19.951, 96.571

Deuteranopia

43, 20.404, 74.138



Tritanopia
43, 9.651, 350.937

Trichromacy



Original Color
43, 19.878, 91.045

Protanomaly
43, 20.049, 95.264

Deuteranomaly
43, 19.850, 79.427

Tritanomaly
43, 8.571, 49.330

Monochromacy



Original Color
43, 19.878, 91.045

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 7.392, 95.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 19.878, 91.045 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(113, 101, 69)` looks like.

```
.text, #text, p{  
    color:rgb(113, 101, 69)  
}
```

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(113, 101, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 101, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 19.878, 91.045 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(113, 101, 69) }
```

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

```
.border{ border-color:rgb(113, 101, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 101, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 101, 69); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 101, 69); box-shadow:4px 4px 4px 4px rgb(113, 101, 69) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 19.878, 91.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 101, 69) }
```

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

```
.background{ background-color: rgb(113,  
101, 69) }
```

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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