

Converting Colors

CIELCh(43, 9.903, 53.209)

Have a look what the booklet for
CIELCh(43, 9.903, 53.209) contains.

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Color

CIELCh(43, 9.644, 53.979)

Conversions

Conversions Part 1

Format	Color
Hex	746259
RGB	116, 98, 89
RGB Percent	45%, 38%, 35%
CMY	0.5453, 0.6158, 0.6511
CMYK	0.00, 0.16, 0.23, 0.55
HSL	20°, 13%, 40%
HSV	20°, 23%, 45%
XYZ	13.3616, 13.1578, 11.2772
YIQ	102.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

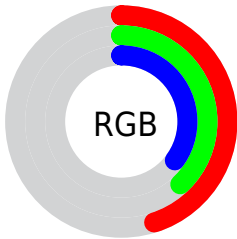
Format	Color
R_{YB}	116, 103, 89
Decimal	7627353
CIE _{Lab}	43.00, 5.67, 7.80
CIE _{LCh}	43, 9.644, 53.979
Yxy	13.1578, 0.3535, 0.3481
Android (android.graphics.Color)	4285817433 (0xFF746259)
YUV	102.3560, -6.5845, 11.9658
Hunter-Lab	36.2736, 2.2725, 6.9588

Details

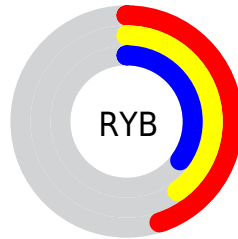
The CIELCh color $43, 9.644, 53.979$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 8.561, 238.030$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 9.499, 55.690$, and $23, 9.291, 55.046$ is the 20% darker color. If you saturate the color by 10%, you get $41, 14.280, 53.357$, and if you desaturate by 10%, it is $45, 5.315, 54.661$.

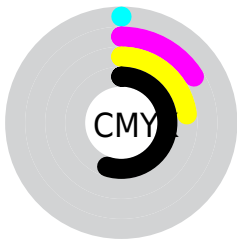
Distribution



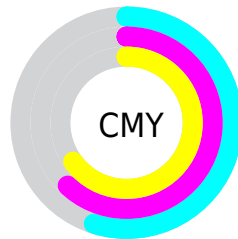
- Red (45%)
- Green (38%)
- Blue (35%)



- Red (45%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (55%)



- Cyan (55%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 9.644, 53.979 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, 9.644, 53.979 by changing the saturation by 10% instead.

 43, 9.644, 53.979  43, 9.644, 53.979

 100, 9.644, 53.979  33, 9.644, 53.979

 63, 9.644, 53.979  23, 9.644, 53.979


 73, 9.644, 53.979  13, 9.644, 53.979

 83, 9.644, 53.979  3, 9.644, 53.979

 93, 9.644, 53.979  0, 9.644, 53.979

 43, 9.644, 53.979  43, 9.644, 53.979

 41, 14.280, 53.357  45, 5.315, 54.661

 38, 19.242, 52.792  48, 1.268, 55.204

 36, 24.531, 52.307  51, 2.523, 236.358

■ 34, 30.119, 51.902

■ 53, 6.086, 237.061

■ 32, 35.917, 51.543

■ 56, 9.447, 237.825

■ 30, 41.710, 51.124

■ 58, 12.630,
238.594

■ 28, 47.053, 50.398

■ 61, 15.657,
239.357

■ 27, 50.365, 49.938

■ 63, 18.546,
240.106

■ 66, 21.313,
240.837

Harmonies

Complementary

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



43, 9.644, 53.979



44, 8.561, 238.030

Rectangle

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



43, 9.644, 53.979



43, 9.644, 103.979



43, 9.644, 233.979



43, 9.644, 283.979

Sweetspot

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



43, 9.644, 53.989



60, 3.395, 55.054



41, 15.557, 337.281



31, 2.226, 55.031



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 9.644, 53.989



54, 14.632, 53.639



47, 13.369, 99.846



23, 2.240, 54.940



29, 52.751, 49.987



59, 92.064, 48.472

Inverse Universe

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



44, 8.561, 238.030



55, 12.586, 238.738



40, 13.780, 285.199



24, 2.148, 236.560



33, 29.494, 260.082



65, 51.616, 263.142

Previews

White Background



This preview shows how the CIELCh color 43, 9.644, 53.979 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, 9.644, 53.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

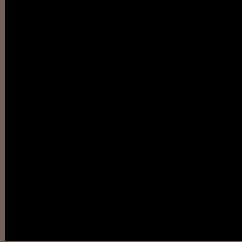
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 9.644, 53.979

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.644, 53.979.



This preview shows how white text looks on a background with the CIELCh color 43, 9.644, 53.979.

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, 9.644, 53.979

Protanopia

43, 6.363, 89.439

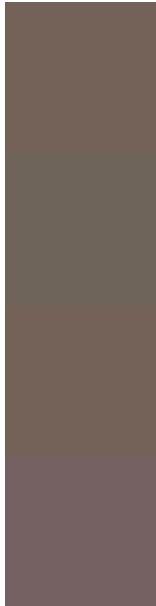
Deuteranopia

43, 9.644, 53.979



Tritanopia
43, 10.159, 356.462

Trichromacy



Original Color

43, 9.644, 53.979

Protanomaly

43, 7.420, 73.282

Deuteranomaly

43, 9.644, 53.979

Tritanomaly

43, 8.580, 16.523

Monochromacy



Original Color

43, 9.644, 53.979

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 3.484, 62.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.644, 53.979 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(116, 98, 89)` looks like.

```
.text, #text, p{  
    color:rgb(116, 98, 89)  
}
```

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(116, 98, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 98, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.644, 53.979 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(116, 98, 89) }
```

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

```
.border{ border-color:rgb(116, 98, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 98, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 98, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 98, 89);  
box-shadow:4px 4px 4px 4px rgb(116, 98,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.644, 53.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 98, 89) }
```

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

```
.background{ background-color: rgb(116, 98,  
89) }
```

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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