

Converting Colors

CIELCh(43, 9.091, 108.159)

Have a look what the booklet for
CIELCh(43, 9.091, 108.159) contains.

CIELCh(43, 8.982, 106.069)	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, 8.982, 106.069)

Conversions

Conversions Part 1

Format	Color
Hex	676657
RGB	103, 102, 87
RGB Percent	40%, 40%, 34%
CMY	0.5949, 0.5988, 0.6577
CMYK	0.00, 0.01, 0.15, 0.59
HSL	56°, 8%, 37%
HSV	56°, 15%, 41%
XYZ	12.1429, 13.1578, 10.9805
YIQ	100.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

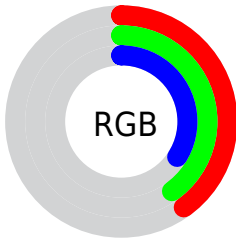
Format	Color
R _Y B	88, 103, 87
Decimal	6776407
CIE Lab	43.00, -2.49, 8.63
CIE LCh	43, 8.982, 106.069
Yxy	13.1578, 0.3347, 0.3627
Android (android.graphics.Color)	4284966487 (0xFF676657)
YUV	100.5890, -6.6994, 2.1144
Hunter-Lab	36.2736, -3.7247, 7.4437

Details

The CIELCh color **43, 8.982, 106.069** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 9.246, 289.193**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 8.912, 106.622**, and **23, 8.623, 104.955** is the 20% darker color. If you saturate the color by 10%, you get **43, 14.751, 105.109**, and if you desaturate by 10%, it is **43, 3.184, 107.021**.

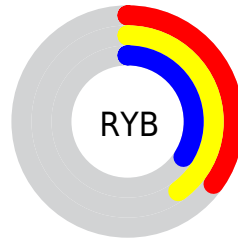
Distribution



Red (40%)

Green (40%)

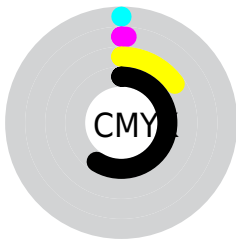
Blue (34%)



Red (35%)

Yellow (40%)

Blue (34%)

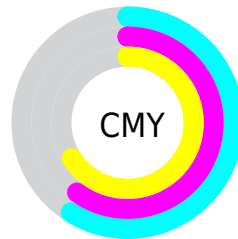


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (59%)



Cyan (59%)

Magenta (60%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 8.982, 106.069 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, 8.982, 106.069 by changing the saturation by 10% instead.

■ 43, 8.982, 106.069

■ 43, 8.982, 106.069

■ 100, 8.982,
106.069

■ 33, 8.982, 106.069

■ 63, 8.982, 106.069

■ 23, 8.982, 106.069

■ 73, 8.982, 106.069

■ 13, 8.982, 106.069

■ 83, 8.982, 106.069

■ 3, 8.982, 106.069

■ 93, 8.982, 106.069

■ 0, 8.982, 106.069

■ 43, 8.982, 106.069

■ 43, 8.982, 106.069

■ 43, 14.751,
105.109

■ 43, 3.184, 107.021

■ 42, 20.448,

■ 44, 2.619, 287.995

104.140

44, 8.410, 288.889

42, 26.009,
103.182

45, 14.177,
289.763

41, 31.336,
102.253

46, 19.914,
290.602

41, 36.278,
101.373

46, 25.614,
291.403

41, 40.620,
100.564

47, 31.274,
292.166

41, 44.089, 99.849

48, 36.890,
292.889

40, 46.628, 99.228

48, 42.461,
293.572

40, 47.800, 98.955

Harmonies

Complementary

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



43, 8.982, 106.069



38, 9.246, 289.193

Rectangle

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



43, 8.982, 106.069



43, 8.982, 156.069



43, 8.982, 286.069



43, 8.982, 336.069

Sweetspot

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



43, 8.983, 106.076



56, 3.612, 107.053



39, 6.984, 15.027



29, 2.484, 107.006



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 8.983, 106.076



55, 13.726, 105.685



43, 10.052, 126.018



21, 3.221, 106.703



45, 51.469, 98.905



89, 89.032, 98.650

Inverse Universe

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



38, 9.246, 289.193



48, 14.238, 289.686



38, 10.284, 307.423



19, 3.278, 288.457



12, 70.808, 304.978



31, 126.121, 305.726

Previews

White Background



This preview shows how the CIELCh color 43, 8.982, 106.069 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, 8.982, 106.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

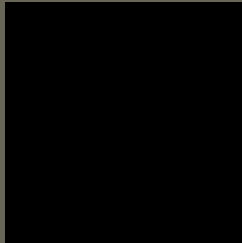
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

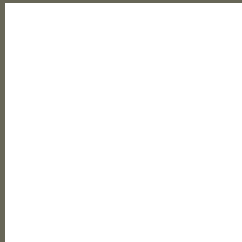
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 8.982, 106.069

Background



This preview shows how black text looks on a background with the CIELCh color 43, 8.982, 106.069.



This preview shows how white text looks on a background with the CIELCh color 43, 8.982, 106.069.

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, 8.982, 106.069

Protanopia

43, 8.785, 91.507

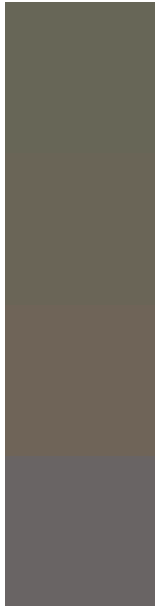
Deuteranopia

43, 10.020, 56.653



Tritanopia
43, 5.634, 321.311

Trichromacy



Original Color

43, 8.982, 106.069

Protanomaly

43, 8.663, 94.294

Deuteranomaly

43, 8.681, 75.256

Tritanomaly

43, 2.090, 19.512

Monochromacy



Original Color

43, 8.982, 106.069

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 3.024, 101.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 8.982, 106.069 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(103, 102, 87)` looks like.

```
.text, #text, p{  
    color:rgb(103, 102, 87)  
}
```

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(103, 102, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 102, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 8.982, 106.069 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(103, 102, 87) }
```

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

```
.border{ border-color:rgb(103, 102, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 102, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 102, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 102, 87);  
box-shadow:4px 4px 4px 4px rgb(103, 102,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 8.982, 106.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 102, 87) }
```

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

```
.background{ background-color: rgb(103,  
102, 87) }
```

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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