

Converting Colors

CIELCh(43, 11.586, 104.402)

Have a look what the booklet for
CIELCh(43, 11.586, 104.402)
contains.

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Color

CIELCh(43, 11.385, 104.043)

Conversions

Conversions Part 1

Format	Color
Hex	686653
RGB	104, 102, 83
RGB Percent	41%, 40%, 33%
CMY	0.5909, 0.5987, 0.6733
CMYK	0.00, 0.02, 0.20, 0.59
HSL	54°, 11%, 37%
HSV	54°, 20%, 41%
XYZ	12.1029, 13.1578, 10.1484
YIQ	100.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

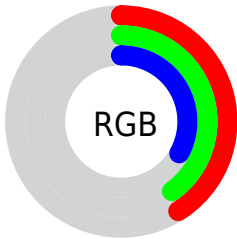
Format	Color
R_{YB}	85, 104, 83
Decimal	6841939
CIE Lab	43.00, -2.76, 11.04
CIE LCh	43, 11.385, 104.043
Yxy	13.1578, 0.3418, 0.3716
Android (android.graphics.Color)	4285032019 (0xFF686653)
YUV	100.4320, -8.5940, 3.1291
Hunter-Lab	36.2736, -3.9213, 8.8038

Details

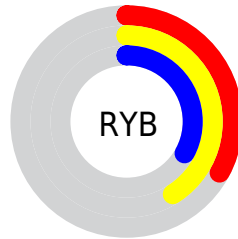
The CIELCh color $43, 11.385, 104.043$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37, 11.784, 288.298$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 11.151, 104.794$, and $23, 11.270, 102.506$ is the 20% darker color. If you saturate the color by 10%, you get $42, 17.007, 103.043$, and if you desaturate by 10%, it is $44, 5.732, 105.038$.

Distribution



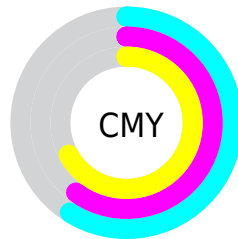
- Red (41%)
- Green (40%)
- Blue (33%)



- Red (33%)
- Yellow (41%)
- Blue (33%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (59%)





- Cyan (59%)
- Magenta (60%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 11.385, 104.043 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, 11.385, 104.043 by changing the saturation by 10% instead.


 43, 11.385,
104.043


 43, 11.385,
104.043


 100, 11.385,
104.043


 33, 11.385,
104.043

 63, 11.385,
104.043


 23, 11.385,
104.043

 73, 11.385,
104.043

 13, 11.385,
104.043


 83, 11.385,
104.043

 3, 11.385, 104.043

 93, 11.385,
104.043

 0, 11.385, 104.043

 43, 11.385,

 43, 11.385,

104.043

104.043

■ 42, 17.007,
103.043

■ 44, 5.732, 105.038

■ 42, 22.547,
102.035

■ 44, 0.074, 105.152

■ 45, 5.569, 286.980

■ 42, 27.933,
101.036

■ 45, 11.187,
287.888

■ 41, 33.047,
100.063

■ 46, 16.772,
288.763

■ 41, 37.711, 99.133

■ 47, 22.319,
289.600

■ 40, 41.676, 98.261

■ 47, 27.826,
290.398

■ 40, 44.643, 97.459

■ 40, 47.124, 96.717

■ 48, 33.289,
291.155

■ 49, 38.707,

Harmonies

Complementary

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



43, 11.385, 104.043



37, 11.784, 288.298

Rectangle

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



43, 11.385, 104.043



43, 11.385, 154.043



43, 11.385, 284.043



43, 11.385, 334.043

Sweetspot

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



43, 11.386, 104.049



56, 4.191, 105.421



38, 9.313, 12.852



29, 2.802, 105.380



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, 11.386, 104.049



55, 16.771, 103.595



43, 13.076, 124.558



21, 3.114, 105.159



43, 50.384, 96.645



87, 87.059, 96.232

Inverse Universe

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



37, 11.784, 288.298



45, 17.504, 288.905



37, 13.494, 306.508



19, 3.165, 286.962



12, 69.139, 304.297



32, 124.167, 305.291

Previews

White Background



This preview shows how the CIELCh color 43, 11.385, 104.043 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, 11.385, 104.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

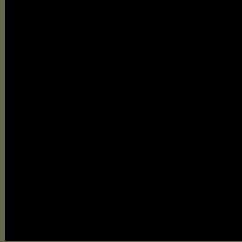
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 11.385, 104.043

Background



This preview shows how black text looks on a background with the CIELCh color 43, 11.385, 104.043.



This preview shows how white text looks on a background with the CIELCh color 43, 11.385, 104.043.

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

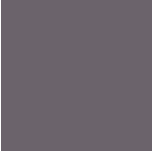
43, 11.385, 104.043

Protanopia

43, 11.214, 92.464

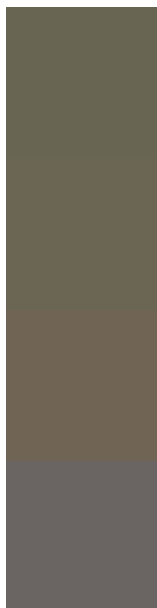
Deuteranopia

43, 12.042, 63.887



Tritanopia
43, 5.855, 324.799

Trichromacy



Original Color
43, 11.385, 104.043

Protanomaly
43, 11.097, 94.684

Deuteranomaly
43, 11.003, 79.666

Tritanomaly
43, 2.792, 44.993

Monochromacy



Original Color
43, 11.385, 104.043

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 3.620, 102.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 11.385, 104.043 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(104, 102, 83)` looks like.

```
.text, #text, p{  
    color:rgb(104, 102, 83)  
}
```

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(104, 102, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 102, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 11.385, 104.043 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(104, 102, 83) }
```

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

```
.border{ border-color:rgb(104, 102, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 102, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 102, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 102, 83);  
box-shadow:4px 4px 4px 4px rgb(104, 102,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 11.385, 104.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 102, 83) }
```

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

```
.background{ background-color: rgb(104,  
102, 83) }
```

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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