

Converting Colors

CIELCh(43, 6.932, 303.493)

Have a look what the booklet for
CIELCh(43, 6.932, 303.493) contains.

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Color

CIELCh(43, 6.842, 304.664)

Conversions

Conversions Part 1

Format	Color
Hex	68646F
RGB	104, 100, 111
RGB Percent	41%, 39%, 44%
CMY	0.5928, 0.6085, 0.5654
CMYK	0.06, 0.10, 0.00, 0.57
HSL	262°, 5%, 41%
HSV	262°, 10%, 43%
XYZ	13.0890, 13.1578, 16.8382
YIQ	102.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

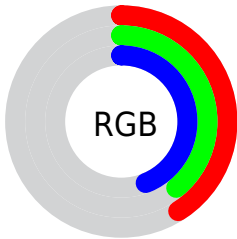
Format	Color
R_{YB}	104, 100, 111
Decimal	6841455
CIE _{Lab}	43.00, 3.89, -5.63
CIE _{LCh}	43, 6.842, 304.664
Yxy	13.1578, 0.3038, 0.3054
Android (android.graphics.Color)	4285031535 (0xFF68646F)
YUV	102.4500, 4.2152, 1.3594
Hunter-Lab	36.2736, 0.9312, -2.1309

Details

The CIELCh color $43, 6.842, 304.664$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 6.724, 123.689$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 6.906, 303.440$, and $23, 6.942, 306.214$ is the 20% darker color. If you saturate the color by 10%, you get $39, 13.951, 305.230$, and if you desaturate by 10%, it is $47, 0.047, 125.149$.

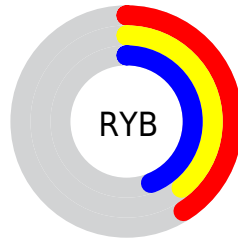
Distribution



Red (41%)

Green (39%)

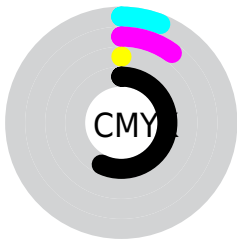
Blue (44%)



Red (41%)

Yellow (39%)

Blue (44%)

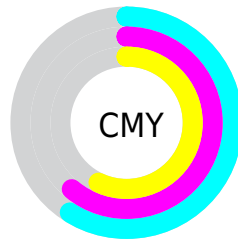


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (57%)



Cyan (59%)

Magenta (61%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 6.842, 304.664 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, 6.842, 304.664 by changing the saturation by 10% instead.

■ 43, 6.842, 304.664

■ 43, 6.842, 304.664

■ 100, 6.842,
304.664

■ 33, 6.842, 304.664

■ 63, 6.842, 304.664

■ 23, 6.842, 304.664

■ 73, 6.842, 304.664

■ 13, 6.842, 304.664

■ 83, 6.842, 304.664

■ 3, 6.842, 304.664

■ 93, 6.842, 304.664

■ 0, 6.842, 304.664

■ 43, 6.842, 304.664

■ 43, 6.842, 304.664

■ 39, 13.951,
305.230

■ 47, 0.047, 125.149

■ 35, 21.275,

■ 51, 6.714, 123.723

305.858

54, 13.167,
123.328

32, 28.784,
306.540

58, 19.417,
122.984

28, 36.417,
307.260

62, 25.473,
122.686

24, 44.048,
307.985

65, 31.346,
122.427

21, 51.450,
308.660

69, 37.047,
122.204

18, 58.254,
309.194

73, 42.586,
122.012

15, 63.927,
309.466

76, 47.974,
121.847

13, 69.022,
309.724

Harmonies

Complementary

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



43, 6.842, 304.664



46, 6.724, 123.689

Rectangle

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



43, 6.842, 304.664



43, 6.842, 354.664



43, 6.842, 124.664



43, 6.842, 174.664

Sweetspot

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



43, 6.841, 304.661



58, 2.523, 304.293



45, 3.619, 238.741



29, 1.901, 304.332



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 6.841, 304.661



54, 10.223, 304.792



43, 7.653, 320.698



21, 3.912, 304.612



15, 73.108, 309.638



36, 125.710, 309.066

Inverse Universe

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



44, 6.203, 337.619



55, 9.253, 337.797



46, 7.620, 139.847



22, 3.549, 337.551



25, 51.262, 348.746



54, 86.624, 350.374

Previews

White Background



This preview shows how the CIELCh color 43, 6.842, 304.664 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, 6.842, 304.664 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

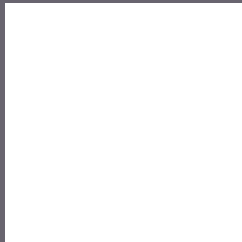
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 6.842, 304.664

Background



This preview shows how black text looks on a background with the CIELCh color 43, 6.842, 304.664.



This preview shows how white text looks on a background with the CIELCh color 43, 6.842, 304.664.

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, 6.842, 304.664

Protanopia

43, 6.027, 287.281

Deuteranopia

43, 7.952, 315.081



Tritanopia
43, 4.990, 304.940

Trichromacy



Original Color

43, 6.842, 304.664

Protanomaly

43, 6.021, 291.055

Deuteranomaly

43, 7.796, 312.346

Tritanomaly

43, 5.576, 303.474

Monochromacy



Original Color

43, 6.842, 304.664

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 2.556, 309.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 6.842, 304.664 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, 100, 111)` looks like.

```
.text, #text, p{  
    color:rgb(104, 100, 111)  
}
```

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, 100, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 100, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 6.842, 304.664 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, 100, 111) }
```

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

```
.border{ border-color:rgb(104, 100, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 100, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 100, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 100, 111);  
box-shadow:4px 4px 4px 4px rgb(104, 100,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 6.842, 304.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 100, 111) }
```

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

```
.background{ background-color: rgb(104,  
100, 111) }
```

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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