

Converting Colors

CIELCh(43, 8.436, 292.618)

Have a look what the booklet for
CIELCh(43, 8.436, 292.618) contains.

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Color

CIELCh(43, 8.455, 294.065)

Conversions

Conversions Part 1

Format	Color
Hex	656472
RGB	101, 100, 114
RGB Percent	40%, 39%, 45%
CMY	0.6030, 0.6069, 0.5520
CMYK	0.11, 0.12, 0.00, 0.55
HSL	244°, 7%, 42%
HSV	244°, 12%, 45%
XYZ	13.0216, 13.1578, 17.8422
YIQ	101.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

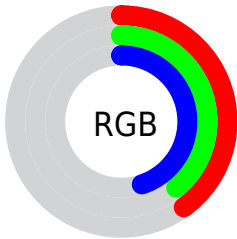
Format	Color
R_{YB}	101, 100, 114
Decimal	6644850
CIE Lab	43.00, 3.45, -7.72
CIE LCh	43, 8.455, 294.065
Yxy	13.1578, 0.2958, 0.2989
Android (android.graphics.Color)	4284834930 (0xFF656472)
YUV	101.8950, 5.9678, -0.7849
Hunter-Lab	36.2736, 0.5997, -3.7719

Details

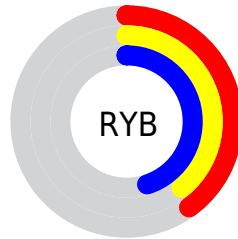
The CIELCh color $43, 8.455, 294.065$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 8.232, 111.993$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 8.415, 293.612$, and $23, 8.724, 294.861$ is the 20% darker color. If you saturate the color by 10%, you get $39, 15.646, 295.095$, and if you desaturate by 10%, it is $47, 1.534, 293.185$.

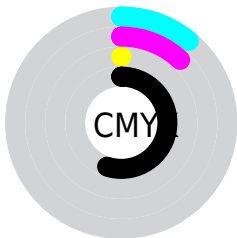
Distribution



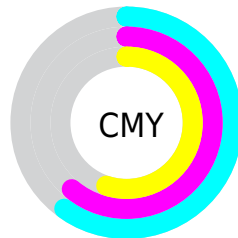
- Red (40%)
- Green (39%)
- Blue (45%)



- Red (40%)
- Yellow (39%)
- Blue (45%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 8.455, 294.065 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, 8.455, 294.065 by changing the saturation by 10% instead.

■ 43, 8.455, 294.065

■ 43, 8.455, 294.065

■ 100, 8.455,
294.065

■ 33, 8.455, 294.065

■ 63, 8.455, 294.065

■ 23, 8.455, 294.065

■ 73, 8.455, 294.065

■ 13, 8.455, 294.065

■ 83, 8.455, 294.065

■ 3, 8.455, 294.065

■ 93, 8.455, 294.065

■ 0, 8.455, 294.065

■ 43, 8.455, 294.065

■ 43, 8.455, 294.065

■ 39, 15.646,
295.095

■ 47, 1.534, 293.185

■ 35, 23.125,

■ 51, 5.132, 112.399

296.292

55, 11.561,
111.743

30, 30.898,
297.667

60, 17.769,
111.177

26, 38.941,
299.217

64, 23.771,
110.686

22, 47.162,
300.911

68, 29.580,
110.262

19, 55.320,
302.661

72, 35.209,
109.892

15, 62.903,
304.300

76, 40.668,
109.571

13, 69.071,
305.588

79, 45.969,
109.289

11, 73.540,
306.659

Harmonies

Complementary

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



43, 8.455, 294.065



48, 8.232, 111.993

Rectangle

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



43, 8.455, 294.065



43, 8.455, 344.065



43, 8.455, 114.065



43, 8.455, 164.065

Sweetspot

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



43, 8.454, 294.061



59, 3.361, 293.331



47, 5.160, 205.067



30, 2.376, 293.383



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, 8.454, 294.061



54, 12.858, 294.367



44, 9.034, 311.852



21, 3.798, 293.756



12, 76.130, 306.640



31, 130.420, 306.448

Inverse Universe

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



44, 9.674, 327.063



55, 14.648, 327.236



47, 8.909, 130.874



22, 4.365, 326.879



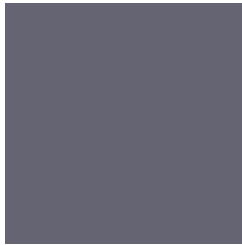
27, 62.653, 331.171



58, 106.673, 331.353

Previews

White Background



This preview shows how the CIELCh color 43, 8.455, 294.065 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, 8.455, 294.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

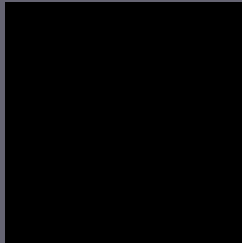
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

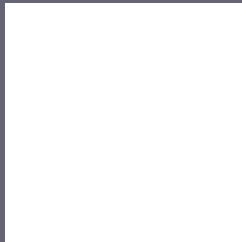
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 8.455, 294.065

Background



This preview shows how black text looks on a background with the CIELCh color 43, 8.455, 294.065.



This preview shows how white text looks on a background with the CIELCh color 43, 8.455, 294.065.

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, 8.455, 294.065

Protanopia

43, 8.448, 286.107

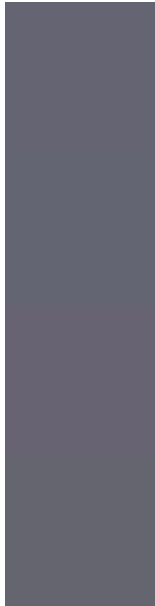
Deuteranopia

43, 9.968, 305.293



Tritanopia
43, 4.828, 286.133

Trichromacy



Original Color

43, 8.455, 294.065

Protanomaly

43, 8.428, 288.741

Deuteranomaly

43, 9.880, 303.055

Tritanomaly

43, 6.027, 287.281

Monochromacy



Original Color

43, 8.455, 294.065

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 3.046, 298.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 8.455, 294.065 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(101, 100, 114)` looks like.

```
.text, #text, p{  
    color:rgb(101, 100, 114)  
}
```

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(101, 100, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 100, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 8.455, 294.065 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(101, 100, 114) }
```

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

```
.border{ border-color:rgb(101, 100, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 100, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 100, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 100, 114);  
box-shadow:4px 4px 4px 4px rgb(101, 100,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 8.455, 294.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 100, 114) }
```

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

```
.background{ background-color: rgb(101,  
100, 114) }
```

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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