

Converting Colors

CIELCh(43, 1.262, 255.986)

Have a look what the booklet for
CIELCh(43, 1.262, 255.986) contains.

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Color

CIELCh(43, 1.446, 256.022)

Conversions

Conversions Part 1

Format	Color
Hex	646668
RGB	100, 102, 104
RGB Percent	39%, 40%, 41%
CMY	0.6086, 0.6008, 0.5929
CMYK	0.04, 0.02, 0.00, 0.59
HSL	210°, 2%, 40%
HSV	210°, 4%, 41%
XYZ	12.4546, 13.1578, 14.9276
YIQ	101.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

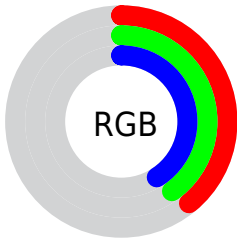
Format	Color
R _Y B	100, 101, 104
Decimal	6579816
CIE Lab	43.00, -0.35, -1.40
CIE LCh	43, 1.446, 256.022
Yxy	13.1578, 0.3072, 0.3246
Android (android.graphics.Color)	4284769896 (0xFF646668)
YUV	101.6300, 1.1684, -1.4295
Hunter-Lab	36.2736, -2.1906, 0.9920

Details

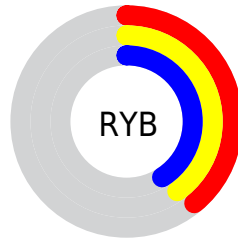
The CIELCh color $43, 1.446, 256.022$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 1.450, 74.777$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 1.348, 255.952$, and $23, 1.597, 256.271$ is the 20% darker color. If you saturate the color by 10%, you get $41, 5.166, 257.157$, and if you desaturate by 10%, it is $45, 2.300, 74.605$.

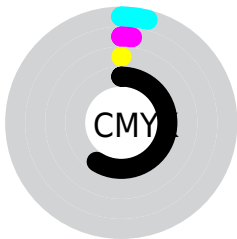
Distribution



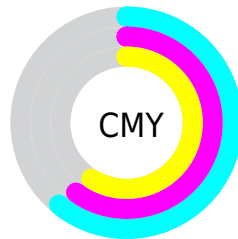
- Red (39%)
- Green (40%)
- Blue (41%)



- Red (39%)
- Yellow (40%)
- Blue (41%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)















- Cyan (61%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 1.446, 256.022 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, 1.446, 256.022 by changing the saturation by 10% instead.

 43, 1.446, 256.022	 43, 1.446, 256.022
 100, 1.446, 256.022	 33, 1.446, 256.022
 63, 1.446, 256.022	 23, 1.446, 256.022
 73, 1.446, 256.022	 13, 1.446, 256.022
 83, 1.446, 256.022	 3, 1.446, 256.022
 93, 1.446, 256.022	 0, 1.446, 256.022

 43, 1.446, 256.022	 43, 1.446, 256.022
 41, 5.166, 257.157	 45, 2.300, 74.605
 38, 8.847, 258.661	 48, 6.060, 73.710

■ 36, 12.476,
260.445

■ 50, 9.822, 72.894

■ 34, 16.043,
262.553

■ 53, 13.577, 72.175

■ 55, 17.319, 71.541

■ 31, 19.542,
265.033

■ 58, 21.040, 70.979

■ 29, 22.977,
267.929

■ 60, 24.736, 70.478

■ 62, 28.402, 70.027

■ 27, 26.367,
271.264

■ 65, 32.036, 69.621

■ 25, 29.748,
275.023

■ 23, 33.175,
279.070

Harmonies

Complementary

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



43, 1.446, 256.022



43, 1.450, 74.777

Rectangle

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



43, 1.446, 256.022



43, 1.446, 306.022



43, 1.446, 76.022



43, 1.446, 126.022

Sweetspot

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



43, 1.445, 255.974



56, 0.470, 256.071



44, 2.070, 162.594



29, 0.270, 256.114



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, 1.445, 255.974



55, 2.327, 256.091



42, 2.376, 289.887



20, 1.244, 256.111



24, 38.392, 281.921



52, 70.597, 284.852

Inverse Universe

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



43, 2.063, 343.800



54, 3.330, 343.931



44, 2.347, 109.142



20, 1.780, 343.950



23, 47.197, 0.012



52, 81.424, 2.767

Previews

White Background



This preview shows how the CIELCh color 43, 1.446, 256.022 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, 1.446, 256.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

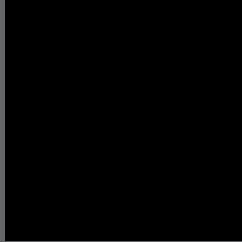
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

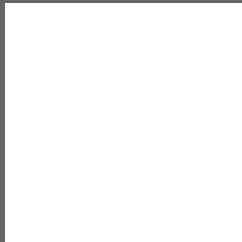
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 1.446, 256.022

Background



This preview shows how black text looks on a background with the CIELCh color 43, 1.446, 256.022.



This preview shows how white text looks on a background with the CIELCh color 43, 1.446, 256.022.

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, 1.446, 256.022

Protanopia

43, 1.471, 324.434

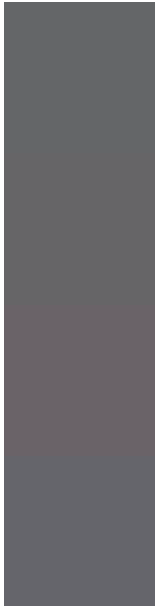
Deuteranopia

43, 6.173, 344.474



Tritanopia
43, 4.818, 290.885

Trichromacy



Original Color

43, 1.446, 256.022

Protanomaly

43, 1.282, 309.090

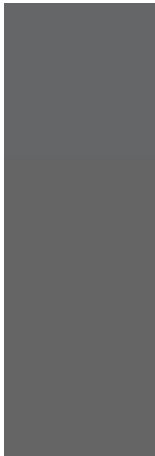
Deuteranomaly

43, 4.197, 334.080

Tritanomaly

43, 3.615, 290.714

Monochromacy



Original Color

43, 1.446, 256.022

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 0.607, 290.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 1.446, 256.022 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(100, 102, 104)` looks like.

```
.text, #text, p{  
    color:rgb(100, 102, 104)  
}
```

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(100, 102, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 102, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 1.446, 256.022 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(100, 102, 104) }
```

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

```
.border{ border-color:rgb(100, 102, 104) }
```

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

Here you see how a box with a 4 pixel rgb(100, 102, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 102, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 102, 104);  
box-shadow:4px 4px 4px 4px rgb(100, 102,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 1.446, 256.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 102, 104) }
```

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

```
.background{ background-color: rgb(100,  
102, 104) }
```

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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