

Converting Colors

CIELCh(43, 2.465, 19.586)

Have a look what the booklet for
CIELCh(43, 2.465, 19.586) contains.

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Color

CIELCh(43, 2.513, 19.592)

Conversions

Conversions Part 1

Format	Color
Hex	6A6464
RGB	106, 100, 100
RGB Percent	42%, 39%, 39%
CMY	0.5835, 0.6070, 0.6070
CMYK	0.00, 0.06, 0.06, 0.58
HSL	0°, 3%, 40%
HSV	0°, 6%, 42%
XYZ	12.8586, 13.1578, 13.9735
YIQ	101.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

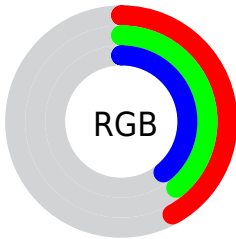
Format	Color
R_{YB}	106, 100, 100
Decimal	6972516
CIE Lab	43.00, 2.37, 0.84
CIE LCh	43, 2.513, 19.592
Yxy	13.1578, 0.3215, 0.3290
Android (android.graphics.Color)	4285162596 (0xFF6A6464)
YUV	101.7940, -0.8844, 3.6887
Hunter-Lab	36.2736, -0.2026, 2.5516

Details

The CIELCh color **43, 2.513, 19.592** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 2.430, 199.283**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 2.327, 19.433**, and **23, 2.813, 19.876** is the 20% darker color. If you saturate the color by 10%, you get **40, 7.220, 20.387**, and if you desaturate by 10%, it is **46, 1.861, 199.408**.

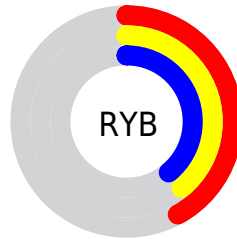
Distribution



Red (42%)

Green (39%)

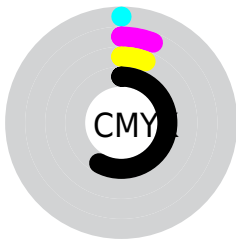
Blue (39%)



Red (42%)

Yellow (39%)

Blue (39%)

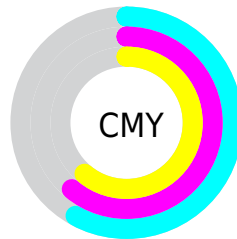


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (58%)



Cyan (58%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 2.513, 19.592 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, 2.513, 19.592 by changing the saturation by 10% instead.

 43, 2.513, 19.592	 43, 2.513, 19.592
 100, 2.513, 19.592	 33, 2.513, 19.592
 63, 2.513, 19.592	 23, 2.513, 19.592
 73, 2.513, 19.592	 13, 2.513, 19.592
 83, 2.513, 19.592	 3, 2.513, 19.592
 93, 2.513, 19.592	 0, 2.513, 19.592

 43, 2.513, 19.592	 43, 2.513, 19.592
 40, 7.220, 20.387	 46, 1.861, 199.408
 36, 12.276, 21.271	 50, 5.924, 198.851
 33, 17.671, 22.391	 53, 9.705, 198.483

■ 30, 23.368, 23.828

■ 57, 13.235,
198.193

■ 28, 29.284, 25.675

■ 60, 16.542,
197.957

■ 25, 35.288, 28.021

■ 23, 41.198, 30.906

■ 64, 19.654,
197.763

■ 22, 46.674, 34.067

■ 67, 22.593,
197.601

■ 21, 50.653, 35.888

■ 70, 25.381,
197.465

■ 74, 28.035,
197.350

Harmonies

Complementary

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



43, 2.513, 19.592



44, 2.430, 199.283

Rectangle

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



43, 2.513, 19.592



43, 2.513, 69.592



43, 2.513, 199.592



43, 2.513, 249.592

Sweetspot

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



43, 2.512, 19.618



57, 1.086, 19.164



43, 4.394, 324.696



29, 0.613, 19.118



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, 2.512, 19.618



54, 3.872, 19.743



44, 2.178, 74.670



21, 2.023, 19.742



23, 56.948, 37.585



51, 101.387, 40.003

Inverse Universe

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



44, 2.430, 199.283



57, 3.712, 199.175



44, 2.158, 256.193



22, 1.939, 199.176



44, 28.224, 196.435



88, 48.566, 196.438

Previews

White Background



This preview shows how the CIE LCh color 43, 2.513, 19.592 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, 2.513, 19.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

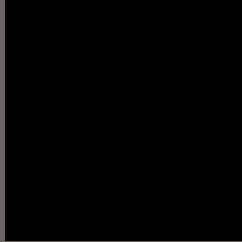
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 2.513, 19.592

Background



This preview shows how black text looks on a background with the CIELCh color 43, 2.513, 19.592.

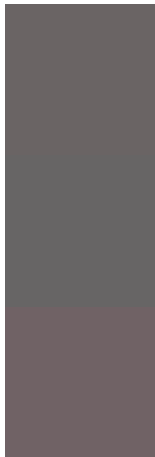


This preview shows how white text looks on a background with the CIELCh color 43, 2.513, 19.592.

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

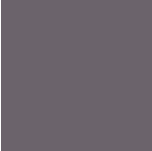
43, 2.513, 19.592

Protanopia

43, 0.831, 19.106

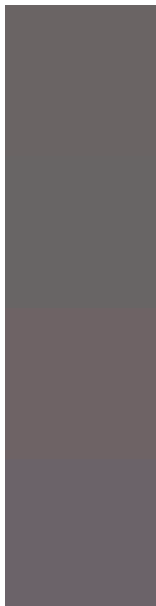
Deuteranopia

43, 6.168, 3.252



Tritanopia
43, 5.855, 324.799

Trichromacy



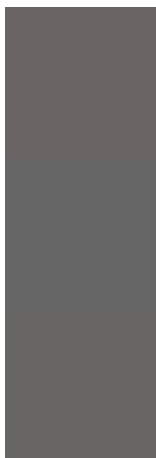
Original Color
43, 2.513, 19.592

Protanomaly
43, 1.248, 19.294

Deuteranomaly
43, 4.778, 5.453

Tritanomaly
43, 4.916, 332.753

Monochromacy



Original Color
43, 2.513, 19.592

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 1.248, 19.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 2.513, 19.592 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(106, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(106, 100, 100)  
}
```

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(106, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 100, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 2.513, 19.592 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(106, 100, 100) }
```

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

```
.border{ border-color:rgb(106, 100, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 100, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(106, 100,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 2.513, 19.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 100, 100) }
```

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

```
.background{ background-color: rgb(106,  
100, 100) }
```

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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