

Converting Colors

CIELCh(43, 6.320, 336.412)

Have a look what the booklet for
CIELCh(43, 6.320, 336.412) contains.

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Color

CIELCh(43, 6.213, 337.629)

Conversions

Conversions Part 1

Format	Color
Hex	6E636A
RGB	110, 99, 106
RGB Percent	43%, 39%, 42%
CMY	0.5704, 0.6135, 0.5861
CMYK	0.00, 0.10, 0.04, 0.57
HSL	322°, 5%, 41%
HSV	322°, 10%, 43%
XYZ	13.3730, 13.1578, 15.3491
YIQ	103.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

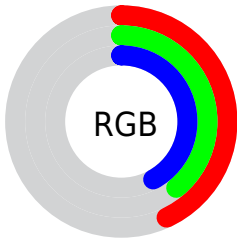
Format	Color
R _Y B	110, 99, 106
Decimal	7234410
CIE Lab	43.00, 5.75, -2.36
CIE LCh	43, 6.213, 337.629
Yxy	13.1578, 0.3193, 0.3142
Android (android.graphics.Color)	4285424490 (0xFF6E636A)
YUV	103.0870, 1.4361, 6.0627
Hunter-Lab	36.2736, 2.3286, 0.3032

Details

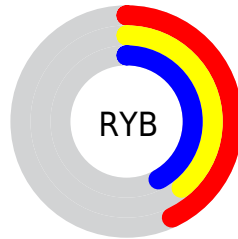
The CIELCh color $43, 6.213, 337.629$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 6.169, 156.312$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 6.075, 339.921$, and $23, 5.743, 336.538$ is the 20% darker color. If you saturate the color by 10%, you get $40, 12.490, 338.387$, and if you desaturate by 10%, it is $46, 0.024, 327.338$.

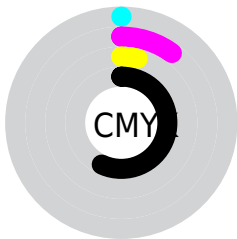
Distribution



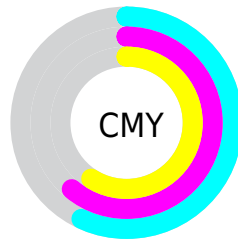
- Red (43%)
- Green (39%)
- Blue (42%)



- Red (43%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (57%)



- Cyan (57%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 6.213, 337.629 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, 6.213, 337.629 by changing the saturation by 10% instead.

■ 43, 6.213, 337.629

■ 43, 6.213, 337.629

■ 100, 6.213,
337.629

■ 33, 6.213, 337.629

■ 63, 6.213, 337.629

■ 23, 6.213, 337.629

■ 73, 6.213, 337.629

■ 13, 6.213, 337.629

■ 83, 6.213, 337.629

■ 3, 6.213, 337.629

■ 93, 6.213, 337.629

■ 0, 6.213, 337.629

■ 43, 6.213, 337.629

■ 43, 6.213, 337.629

■ 40, 12.490,
338.387

■ 46, 0.024, 327.338

■ 37, 18.779,

■ 50, 6.025, 156.380

339.188

53, 11.910,
155.759

34, 24.958,
340.057

56, 17.618,
155.188

31, 30.851,
341.015

60, 23.150,
154.655

29, 36.231,
342.092

63, 28.510,
154.154

27, 40.825,
343.331

66, 33.706,
153.683

25, 44.355,
344.792

70, 38.747,
153.240

24, 46.606,
346.556

73, 43.645,
152.823

23, 48.170,
348.483

Harmonies

Complementary

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



43, 6.213, 337.629



45, 6.169, 156.312

Rectangle

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



43, 6.213, 337.629



43, 6.213, 27.629



43, 6.213, 157.629



43, 6.213, 207.629

Sweetspot

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



43, 6.212, 337.632



58, 2.297, 337.065



42, 6.837, 304.178



29, 1.730, 337.135



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, 6.212, 337.632



55, 9.252, 337.803



43, 4.733, 7.918



21, 3.412, 337.550



25, 50.498, 348.692



54, 85.951, 350.368

Inverse Universe

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



43, 6.212, 337.632



55, 9.252, 337.803



45, 4.534, 186.413



21, 3.412, 337.550



25, 50.498, 348.692



54, 85.951, 350.368

Previews

White Background



This preview shows how the CIELCh color 43, 6.213, 337.629 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, 6.213, 337.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

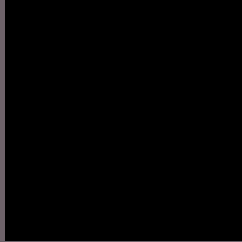
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 6.213, 337.629

Background



This preview shows how black text looks on a background with the CIELCh color 43, 6.213, 337.629.



This preview shows how white text looks on a background with the CIELCh color 43, 6.213, 337.629.

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, 6.213, 337.629

Protanopia

43, 3.643, 297.094

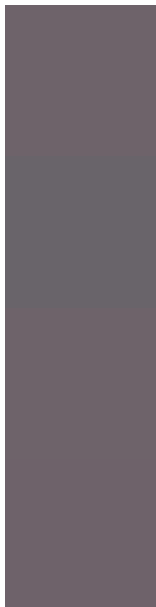
Deuteranopia

43, 6.213, 337.629



Tritanopia
43, 6.931, 336.362

Trichromacy



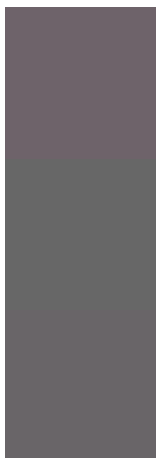
Original Color
43, 6.213, 337.629

Protanomaly
43, 4.176, 320.006

Deuteranomaly
43, 6.213, 337.629

Tritanomaly
43, 6.931, 336.362

Monochromacy



Original Color
43, 6.213, 337.629

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 2.461, 332.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 6.213, 337.629 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(110, 99, 106)` looks like.

```
.text, #text, p{  
    color:rgb(110, 99, 106)  
}
```

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(110, 99, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 99, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 6.213, 337.629 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(110, 99, 106) }
```

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

```
.border{ border-color:rgb(110, 99, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 99, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 99, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 99, 106);  
box-shadow:4px 4px 4px 4px rgb(110, 99,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 6.213, 337.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 99, 106) }
```

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

```
.background{ background-color: rgb(110, 99,  
106) }
```

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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