

Converting Colors

CIELCh(43, 7.425, 119.584)

Have a look what the booklet for
CIELCh(43, 7.425, 119.584) contains.

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Color

CIELCh(43, 7.302, 119.235)

Conversions

Conversions Part 1

Format	Color
Hex	64675B
RGB	100, 103, 91
RGB Percent	39%, 40%, 36%
CMY	0.6079, 0.5962, 0.6432
CMYK	0.03, 0.00, 0.12, 0.60
HSL	75°, 6%, 38%
HSV	75°, 12%, 40%
XYZ	11.9873, 13.1578, 11.7995
YIQ	100.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

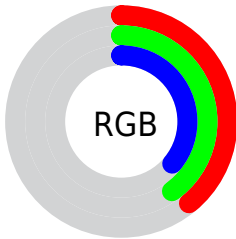
Format	Color
RYB	91, 103, 94
Decimal	6580059
CIELab	43.00, -3.57, 6.37
CIELCh	43, 7.302, 119.235
Yxy	13.1578, 0.3245, 0.3561
Android (android.graphics.Color)	4284770139 (0xFF64675B)
YUV	100.7350, -4.7994, -0.6446
Hunter-Lab	36.2736, -4.4903, 6.1051

Details

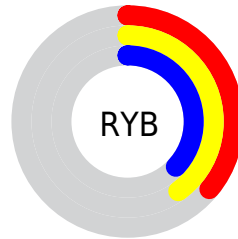
The CIELCh color **43, 7.302, 119.235** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 7.469, 300.631**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 7.341, 118.651**, and **23, 7.435, 119.768** is the 20% darker color. If you saturate the color by 10%, you get **43, 13.543, 118.644**, and if you desaturate by 10%, it is **44, 1.032, 119.839**.

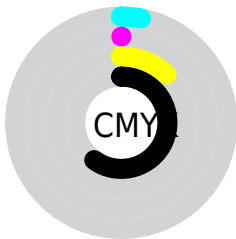
Distribution



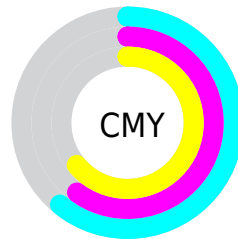
- Red (39%)
- Green (40%)
- Blue (36%)



- Red (36%)
- Yellow (40%)
- Blue (37%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (60%)



- Cyan (61%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 7.302, 119.235 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, 7.302, 119.235 by changing the saturation by 10% instead.

■ 43, 7.302, 119.235

■ 43, 7.302, 119.235

■ 100, 7.302,
119.235

■ 33, 7.302, 119.235

■ 63, 7.302, 119.235

■ 23, 7.302, 119.235

■ 73, 7.302, 119.235

■ 13, 7.302, 119.235

■ 83, 7.302, 119.235

■ 3, 7.302, 119.235

■ 93, 7.302, 119.235

■ 0, 7.302, 119.235

■ 43, 7.302, 119.235

■ 43, 7.302, 119.235

■ 43, 13.543,
118.644

■ 44, 1.032, 119.839

■ 42, 19.710,

■ 44, 5.240, 300.378

118.047

45, 11.492,
300.914

42, 25.742,
117.472

45, 17.708,
301.419

41, 31.551,
116.946

46, 23.875,
301.892

41, 37.005,
116.513

47, 29.986,
302.334

41, 41.920,
116.233

47, 36.032,
302.745

40, 46.060,
116.183

48, 42.009,
303.126

40, 49.189,
116.444

49, 47.913,
303.478

40, 51.567,
116.688

Harmonies

Complementary

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



43, 7.302, 119.235



39, 7.469, 300.631

Rectangle

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



43, 7.302, 119.235



43, 7.302, 169.235



43, 7.302, 299.235



43, 7.302, 349.235

Sweetspot

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



43, 7.303, 119.240



55, 2.310, 119.748



41, 4.275, 44.884



28, 1.738, 119.708



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



43, 7.303, 119.240



55, 10.795, 119.078



43, 8.179, 136.820



21, 3.491, 119.403



44, 55.722, 116.843



89, 97.020, 117.601

Inverse Universe

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



39, 7.469, 300.631



49, 11.095, 300.816



40, 8.241, 317.747



19, 3.554, 300.451



13, 72.255, 308.089



33, 126.148, 307.605

Previews

White Background



This preview shows how the CIELCh color 43, 7.302, 119.235 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, 7.302, 119.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

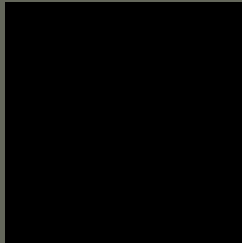
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

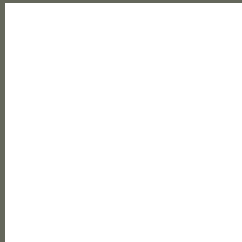
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 7.302, 119.235

Background



This preview shows how black text looks on a background with the CIELCh color 43, 7.302, 119.235.



This preview shows how white text looks on a background with the CIELCh color 43, 7.302, 119.235.

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, 7.302, 119.235

Protanopia

43, 6.933, 90.977

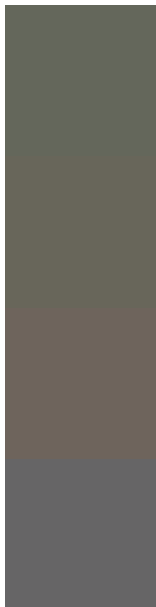
Deuteranopia

43, 8.264, 45.860



Tritanopia
43, 4.990, 304.940

Trichromacy



Original Color
43, 7.302, 119.235

Protanomaly
43, 7.229, 102.251

Deuteranomaly
43, 6.466, 67.387

Tritanomaly
43, 0.739, 324.279

Monochromacy



Original Color
43, 7.302, 119.235

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 3.028, 117.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 7.302, 119.235 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, 103, 91)` looks like.

```
.text, #text, p{  
    color:rgb(100, 103, 91)  
}
```

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, 103, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 103, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 7.302, 119.235 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, 103, 91) }
```

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

```
.border{ border-color:rgb(100, 103, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 103, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 103, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 103, 91);  
box-shadow:4px 4px 4px 4px rgb(100, 103,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 7.302, 119.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 103, 91) }
```

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

```
.background{ background-color: rgb(100,  
103, 91) }
```

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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