

Converting Colors

CIELCh(43, 51.629, 109.889)

Have a look what the booklet for
CIELCh(43, 51.629, 109.889)
contains.

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Color

CIELCh(43, 51.721, 109.892)

Conversions

Conversions Part 1

Format	Color
Hex	5F6C01
RGB	95, 108, 1
RGB Percent	37%, 42%, 0%
CMY	0.6275, 0.5765, 0.9961
CMYK	0.12, 0.00, 0.99, 0.58
HSL	67°, 98%, 21%
HSV	67°, 99%, 42%
XYZ	10.0854, 13.1578, 2.0365
YIQ	91.9150, 26.5990, -36.0330

Conversions

Conversions Part 2

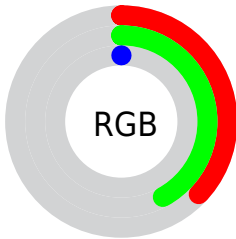
Format	Color
R_{YB}	1, 108, 14
Decimal	6253569
CIE _{Lab}	43.00, -17.60, 48.64
CIE _{LCh}	43, 51.721, 109.892
Yxy	13.1578, 0.3990, 0.5205
Android (android.graphics.Color)	4284443649 (0xFF5F6C01)
YUV	91.9150, -44.8211, 2.7055
Hunter-Lab	36.2736, -13.8495, 22.0628

Details

The CIELCh color $43, 51.721, 109.892$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $11, 69.746, 306.839$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 51.489, 109.560$, and $23, 35.481, 117.650$ is the 20% darker color. If you saturate the color by 10%, you get $43, 51.969, 109.895$, and if you desaturate by 10%, it is $43, 49.143, 109.837$.

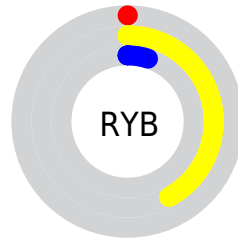
Distribution



Red (37%)

Green (42%)

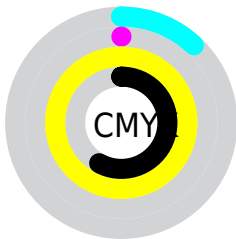
Blue (0%)



Red (0%)

Yellow (42%)

Blue (5%)

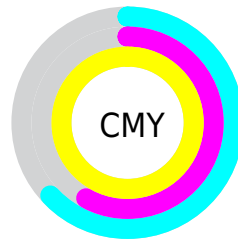


Cyan (12%)

Magenta (0%)

Yellow (99%)

Black (58%)



Cyan (63%)


Magenta (58%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 51.721, 109.892 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, 51.721, 109.892 by changing the saturation by 10% instead.


 43, 51.721,
109.892


 43, 51.721,
109.892


 100, 51.721,
109.892


 33, 51.721,
109.892

 63, 51.721,
109.892


 23, 51.721,
109.892

 73, 51.721,
109.892

 13, 51.721,
109.892

 83, 51.721,
109.892

 3, 51.721, 109.892

 93, 51.721,
109.892

 0, 51.721, 109.892

 43, 51.721,

 43, 51.721,

109.892

■ 43, 51.969,
109.895

109.892

■ 43, 49.143,
109.837

■ 43, 45.854,
109.927

■ 43, 41.520,
110.254

■ 44, 36.412,
110.755

■ 44, 30.773,
111.372

■ 44, 24.787,
112.063

■ 45, 18.583,
112.793

■ 45, 12.249,
113.539

Harmonies

Complementary

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



43, 51.721, 109.892



11, 69.746, 306.839

Rectangle

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



43, 51.721, 109.892



43, 51.721, 159.892



43, 51.721, 289.892



43, 51.721, 339.892

Sweetspot

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



43, 51.721, 109.894



57, 23.731, 112.665



22, 51.056, 39.548



29, 16.281, 112.431



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, 51.721, 109.894



55, 62.726, 110.080



40, 59.215, 130.624



22, 3.590, 114.292



47, 55.125, 109.958



92, 94.961, 110.362

Inverse Universe

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



11, 69.746, 306.839



16, 85.022, 306.831



17, 64.041, 315.405



20, 3.662, 295.643



12, 74.635, 306.925



31, 128.993, 306.644

Previews

White Background



This preview shows how the CIELCh color 43, 51.721, 109.892 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, 51.721, 109.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

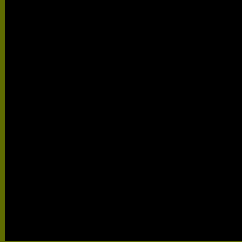
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 51.721, 109.892

Background



This preview shows how black text looks on a background with the CIELCh color 43, 51.721, 109.892.



This preview shows how white text looks on a background with the CIELCh color 43, 51.721, 109.892.

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, 51.721, 109.892

Protanopia

43, 49.907, 95.359

Deuteranopia

43, 45.692, 82.947



Tritanopia
43, 4.990, 304.940

Trichromacy



Original Color
43, 51.721, 109.892

Protanomaly
43, 50.167, 100.582

Deuteranomaly
43, 46.495, 93.357

Tritanomaly
43, 20.193, 111.070

Monochromacy



Original Color
43, 51.721, 109.892

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 23.307, 112.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 51.721, 109.892 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(95, 108, 1)` looks like.

```
.text, #text, p{  
    color:rgb(95, 108, 1)  
}
```

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(95, 108, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 108, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 51.721, 109.892 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(95, 108, 1) }
```

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

```
.border{ border-color:rgb(95, 108, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 108, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 108, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 108, 1);  
box-shadow:4px 4px 4px 4px rgb(95, 108, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 51.721, 109.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 108, 1) }
```

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

```
.background{ background-color: rgb(95, 108,  
1) }
```

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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