

Converting Colors

CIELCh(14, 85.258, 333.259)

Have a look what the booklet for
CIELCh(14, 85.258, 333.259)
contains.

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Color

CIELCh(23, 54.480, 333.592)

Conversions

Conversions Part 1

Format	Color
Hex	69015C
RGB	105, 1, 92
RGB Percent	41%, 0%, 36%
CMY	0.5885, 0.9944, 0.6398
CMYK	0.00, 0.99, 0.12, 0.59
HSL	308°, 97%, 21%
HSV	308°, 99%, 41%
XYZ	7.7589, 3.8003, 10.4168
YIQ	42.4700, 32.7730, 50.3490

Conversions

Conversions Part 2

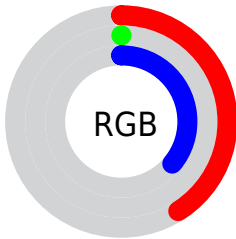
Format	Color
R_{YB}	105, 1, 92
Decimal	6881628
CIE _{Lab}	23.00, 48.79, -24.23
CIE _{LCh}	23, 54.480, 333.592
Yxy	3.8003, 0.3531, 0.1729
Android (android.graphics.Color)	4285071708 (0xFF69015C)
YUV	42.4700, 24.4183, 54.8388
Hunter-Lab	19.4944, 36.9286, -18.0354

Details

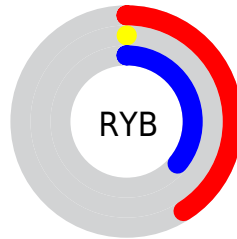
The CIELCh color **23, 54.480, 333.592** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **38, 59.057, 138.089**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **43, 54.665, 333.238**, and **9, 34.840, 334.007** is the 20% darker color. If you saturate the color by 10%, you get **23, 54.765, 333.664**, and if you desaturate by 10%, it is **24, 52.437, 333.046**.

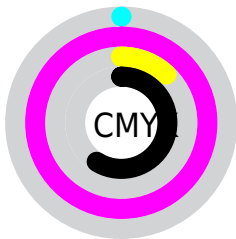
Distribution



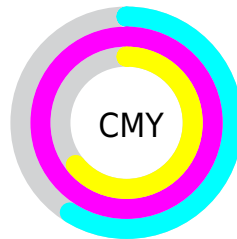
- Red (41%)
- Green (0%)
- Blue (36%)



- Red (41%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (99%)
- Yellow (12%)
- Black (59%)





- Cyan (59%)
- Magenta (99%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 54.480, 333.592 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 23, 54.480, 333.592 by changing the saturation by 10% instead.

 23, 54.480,
333.592


 23, 54.480,
333.592

 100, 54.480,
333.592

 13, 54.480,
333.592


 43, 54.480,
333.592


 3, 54.480, 333.592

 53, 54.480,
333.592

 0, 54.480, 333.592

 63, 54.480,
333.592

 73, 54.480,
333.592

 83, 54.480,
333.592

 93, 54.480,

333.592

■ 23, 54.480,
333.592

■ 23, 54.480,
333.592

■ 23, 54.765,
333.664

■ 24, 52.437,
333.046

■ 25, 49.533,
332.499

■ 27, 45.339,
331.952

■ 28, 40.064,
331.397

■ 31, 33.971,
330.832

■ 33, 27.324,
330.260

■ 36, 20.353,
329.684

■ 39, 13.236,
329.109

■ 42, 6.106, 328.532

Harmonies

Complementary

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



23, 54.480, 333.592



38, 59.057, 138.089

Rectangle

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



23, 54.480, 333.592



23, 54.480, 23.592



23, 54.480, 153.592



23, 54.480, 203.592

Sweetspot

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



23, 54.478, 333.592



45, 26.231, 329.809



10, 68.067, 306.751



22, 18.013, 329.987



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



23, 54.478, 333.592



31, 65.470, 333.832



21, 43.696, 9.752



21, 4.040, 328.553



26, 59.204, 333.742



56, 101.312, 334.114

Inverse Universe

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



23, 54.478, 333.592



31, 65.470, 333.832



39, 39.439, 157.387



21, 4.040, 328.553



26, 59.204, 333.742



56, 101.312, 334.114

Previews

White Background



This preview shows how the CIE LCh color 23, 54.480, 333.592 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 23, 54.480, 333.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

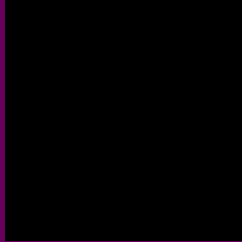
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 54.480, 333.592

Background



This preview shows how black text looks on a background with the CIELCh color 23, 54.480, 333.592.



This preview shows how white text looks on a background with the CIELCh color 23, 54.480, 333.592.

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

23, 54.642, 333.549

Protanopia

24, 42.511, 285.394

Deuteranopia

25, 18.786, 280.886



Tritanopia
24, 32.186, 25.293

Trichromacy



Original Color
23, 54.642, 333.549

Protanomaly
19, 49.790, 300.903

Deuteranomaly
21, 35.584, 314.466

Tritanomaly
23, 37.768, 357.530

Monochromacy



Original Color
23, 54.642, 333.549

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 27.010, 331.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 54.480, 333.592 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(105, 1, 92)` looks like.

```
.text, #text, p{  
    color:rgb(105, 1, 92)  
}
```

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(105, 1, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 1, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 54.480, 333.592 is called "border". The border property can be set on classes, ids or directly on the HTML element.

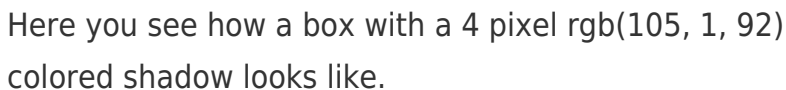
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 1, 92) }
```

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

```
.border{ border-color:rgb(105, 1, 92) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 1, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 1, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 1, 92);  
box-shadow:4px 4px 4px 4px rgb(105, 1, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 54.480, 333.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 1, 92) }
```

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

```
.background{ background-color: rgb(105, 1,  
92) }
```

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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