

Converting Colors

CIELCh(17, 71.763, 338.065)

Have a look what the booklet for
CIELCh(17, 71.763, 338.065)
contains.

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Color

CIELCh(23, 51.464, 339.991)

Conversions

Conversions Part 1

Format	Color
Hex	6C0052
RGB	108, 0, 82
RGB Percent	42%, 0%, 32%
CMY	0.5764, 0.9998, 0.6783
CMYK	0.00, 1.00, 0.24, 0.58
HSL	314°, 100%, 21%
HSV	314°, 100%, 42%
XYZ	7.7120, 3.8003, 8.3145
YIQ	41.6400, 38.0460, 48.3980

Conversions

Conversions Part 2

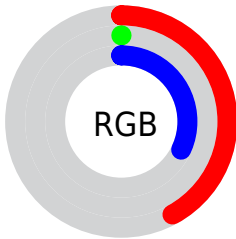
Format	Color
R_{YB}	108, 0, 82
Decimal	7077970
CIE _{Lab}	23.00, 48.36, -17.61
CIE _{LCh}	23, 51.464, 339.991
Yxy	3.8003, 0.3890, 0.1917
Android (android.graphics.Color)	4285268050 (0xFF6C0052)
YUV	41.6400, 19.8975, 58.1977
Hunter-Lab	19.4944, 36.4996, -11.6415

Details

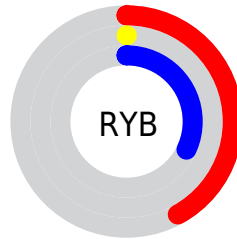
The CIELCh color **23, 51.464, 339.991** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **39, 57.222, 140.477**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **43, 51.369, 339.898**, and **9, 31.749, 345.104** is the 20% darker color. If you saturate the color by 10%, you get **23, 51.470, 339.996**, and if you desaturate by 10%, it is **24, 49.755, 338.888**.

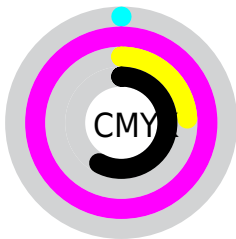
Distribution



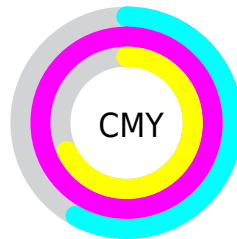
- Red (42%)
- Green (0%)
- Blue (32%)



- Red (42%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (58%)





- Cyan (58%)
- Magenta (100%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 51.464, 339.991 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, 51.464, 339.991 by changing the saturation by 10% instead.

 23, 51.464,
339.991


 23, 51.464,
339.991

 100, 51.464,
339.991


 13, 51.464,
339.991


 43, 51.464,
339.991


 3, 51.464, 339.991

 53, 51.464,
339.991

 0, 51.464, 339.991

 63, 51.464,
339.991

 73, 51.464,
339.991

 83, 51.464,
339.991

 93, 51.464,

339.991

■ 23, 51.464,
339.991

■ 23, 51.464,
339.991

■ 23, 51.470,
339.996

■ 24, 49.755,
338.888

■ 25, 47.323,
337.847

■ 27, 43.567,
336.927

■ 29, 38.701,
336.092

■ 31, 32.998,
335.317

■ 34, 26.732,
334.586

■ 36, 20.140,
333.889

■ 39, 13.402,
333.221

■ 42, 6.651, 332.571

Harmonies

Complementary

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



23, 51.464, 339.991



39, 57.222, 140.477

Rectangle

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



23, 51.464, 339.991



23, 51.464, 29.991



23, 51.464, 159.991



23, 51.464, 209.991

Sweetspot

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



23, 51.462, 339.991



47, 24.985, 333.948



11, 69.318, 307.952



23, 17.162, 334.167



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



23, 51.462, 339.991



31, 61.805, 340.400



21, 46.541, 20.943



21, 3.725, 332.506



25, 54.493, 340.132



55, 92.867, 341.028

Inverse Universe

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



23, 51.462, 339.991



31, 61.805, 340.400



40, 35.391, 165.734



21, 3.725, 332.506



25, 54.493, 340.132



55, 92.867, 341.028

Previews

White Background



This preview shows how the CIE LCh color 23, 51.464, 339.991 looks on a white background.

Color Contrast Check

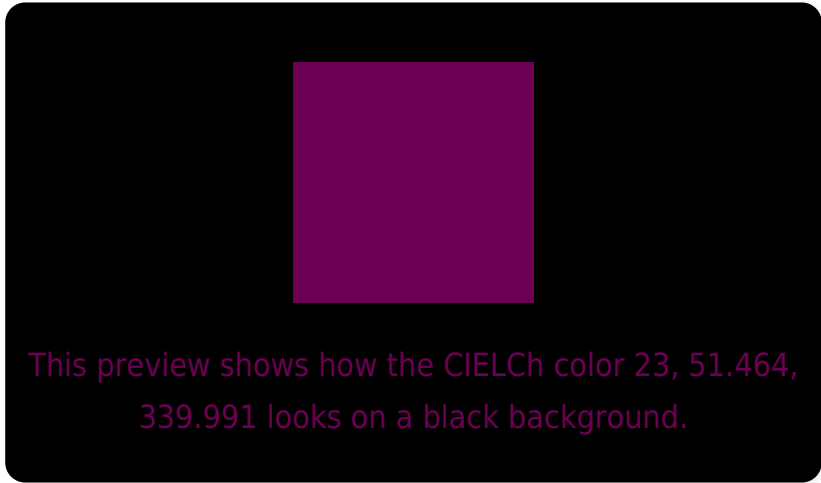
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

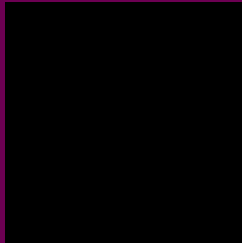
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 51.464, 339.991

Background



This preview shows how black text looks on a background with the CIELCh color 23, 51.464, 339.991.



This preview shows how white text looks on a background with the CIELCh color 23, 51.464, 339.991.

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, 51.464, 339.991

Protanopia
25, 39.691, 285.948

Deuteranopia
25, 12.565, 287.331



Tritanopia
24, 36.294, 27.046

Trichromacy



Original Color
23, 51.464, 339.991

Protanomaly
20, 45.779, 305.036

Deuteranomaly
21, 31.124, 323.355

Tritanomaly
23, 39.162, 4.822

Monochromacy



Original Color
23, 51.464, 339.991

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 25.854, 335.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 51.464, 339.991 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(108, 0, 82)` looks like.

```
.text, #text, p{  
    color:rgb(108, 0, 82)  
}
```

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(108, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 0, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 51.464, 339.991 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(108, 0, 82) }
```

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

```
.border{ border-color:rgb(108, 0, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 0, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 0, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 0, 82);  
box-shadow:4px 4px 4px 4px rgb(108, 0, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 51.464, 339.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 0, 82) }
```

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

```
.background{ background-color: rgb(108, 0,  
82) }
```

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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