

Converting Colors

CIELCh(13, 93.842, 329.612)

Have a look what the booklet for
CIELCh(13, 93.842, 329.612)
contains.

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Color

CIELCh(23, 59.019, 327.501)

Conversions

Conversions Part 1

Format	Color
Hex	650267
RGB	101, 2, 103
RGB Percent	40%, 1%, 40%
CMY	0.6031, 0.9928, 0.5955
CMYK	0.02, 0.98, 0.00, 0.60
HSL	299°, 96%, 21%
HSV	299°, 98%, 40%
XYZ	7.8647, 3.8003, 13.1867
YIQ	43.1150, 26.5830, 52.3990

Conversions

Conversions Part 2

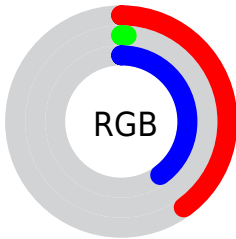
Format	Color
R_{YB}	101, 2, 103
Decimal	6619751
CIE _{Lab}	23.00, 49.78, -31.71
CIE _{LCh}	23, 59.019, 327.501
Yxy	3.8003, 0.3165, 0.1529
Android (android.graphics.Color)	4284809831 (0xFF650267)
YUV	43.1150, 29.5233, 50.7651
Hunter-Lab	19.4944, 37.8976, -26.4597

Details

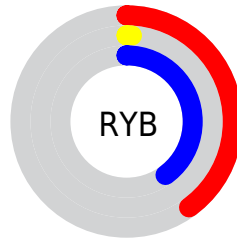
The CIELCh color **23, 59.019, 327.501** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **37, 60.915, 136.001**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **43, 59.142, 327.321**, and **9, 39.059, 325.794** is the 20% darker color. If you saturate the color by 10%, you get **23, 59.479, 327.520**, and if you desaturate by 10%, it is **24, 56.478, 327.398**.

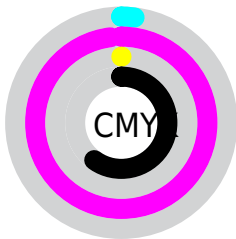
Distribution



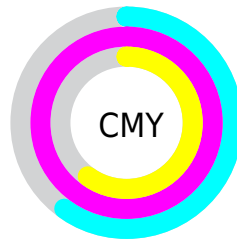
- Red (40%)
- Green (1%)
- Blue (40%)



- Red (40%)
- Yellow (1%)
- Blue (40%)



- Cyan (2%)
- Magenta (98%)
- Yellow (0%)
- Black (60%)





- Cyan (60%)
- Magenta (99%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 59.019, 327.501 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, 59.019, 327.501 by changing the saturation by 10% instead.

 23, 59.019,
327.501


 23, 59.019,
327.501

 100, 59.019,
327.501


 13, 59.019,
327.501


 43, 59.019,
327.501


 3, 59.019, 327.501

 53, 59.019,
327.501

 0, 59.019, 327.501

 63, 59.019,
327.501

 73, 59.019,
327.501

 83, 59.019,
327.501

 93, 59.019,

327.501

■ 23, 59.019,
327.501

■ 23, 59.019,
327.501

■ 23, 59.479,
327.520

■ 24, 56.478,
327.398

■ 25, 53.055,
327.236

■ 26, 48.363,
326.984

■ 28, 42.600,
326.654

■ 30, 36.023,
326.259

■ 33, 28.891,
325.815

■ 35, 21.432,
325.337

■ 38, 13.826,
324.838

■ 41, 6.208, 324.322

Harmonies

Complementary

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



23, 59.019, 327.501



37, 60.915, 136.001

Rectangle

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



23, 59.019, 327.501



23, 59.019, 17.501



23, 59.019, 147.501



23, 59.019, 197.501

Sweetspot

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



23, 59.018, 327.501



46, 27.492, 325.416



10, 65.815, 305.207



22, 18.990, 325.570



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, 59.018, 327.501



31, 72.161, 327.500



21, 43.872, 356.152



20, 4.204, 324.359



26, 64.152, 327.512



57, 111.258, 327.468

Inverse Universe

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



20, 49.919, 35.144



27, 63.522, 38.046



38, 45.473, 149.190



19, 2.443, 18.297



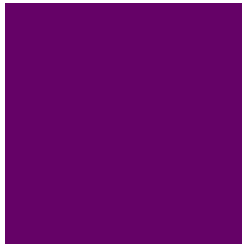
22, 55.408, 36.604



51, 99.822, 39.441

Previews

White Background



This preview shows how the CIE LCh color 23, 59.019, 327.501 looks on a white background.

Color Contrast Check

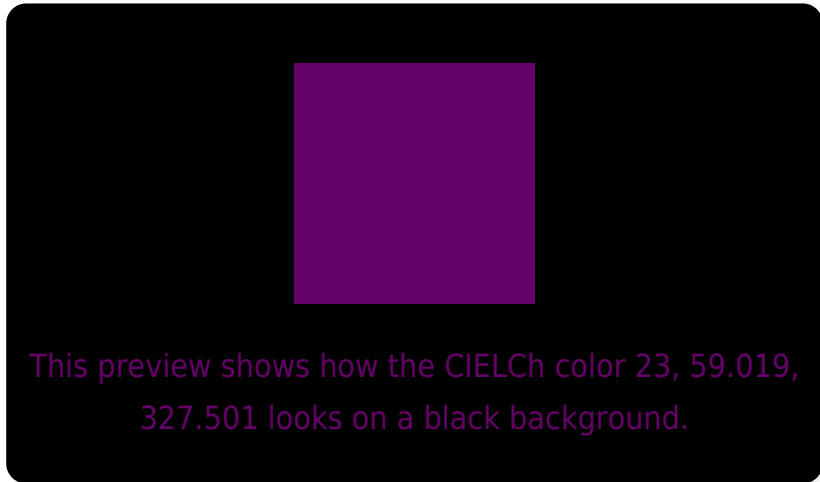
Large Text (above 18pt) WCAG AA ✓ Pass

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

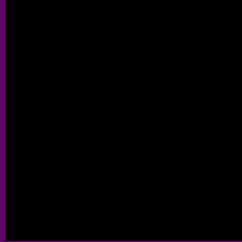
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 59.019, 327.501

Background



This preview shows how black text looks on a background with the CIELCh color 23, 59.019, 327.501.



This preview shows how white text looks on a background with the CIELCh color 23, 59.019, 327.501.

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, 58.923, 327.472

Protanopia

24, 41.904, 284.994

Deuteranopia

25, 25.746, 277.743



Tritanopia
24, 26.968, 23.101

Trichromacy



Original Color
23, 58.923, 327.472

Protanomaly
19, 51.657, 300.869

Deuteranomaly
21, 41.277, 307.061

Tritanomaly
23, 36.011, 349.228

Monochromacy



Original Color
23, 58.923, 327.472

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 28.694, 326.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 59.019, 327.501 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(101, 2, 103)` looks like.

```
.text, #text, p{  
    color:rgb(101, 2, 103)  
}
```

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(101, 2, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 2, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 59.019, 327.501 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(101, 2, 103) }
```

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

```
.border{ border-color:rgb(101, 2, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 2, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 2, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 2, 103);  
box-shadow:4px 4px 4px 4px rgb(101, 2,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 23, 59.019, 327.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 2, 103) }
```

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

```
.background{ background-color: rgb(101, 2,  
103) }
```

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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