

Converting Colors

CIELCh(10, 108.874, 328.474)

Have a look what the booklet for
CIELCh(10, 108.874, 328.474)
contains.

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Color

CIELCh(23, 62.194, 324.500)

Conversions

Conversions Part 1

Format	Color
Hex	63016E
RGB	99, 1, 110
RGB Percent	39%, 0%, 43%
CMY	0.6121, 0.9946, 0.5692
CMYK	0.10, 0.99, 0.00, 0.57
HSL	294°, 98%, 22%
HSV	294°, 99%, 43%
XYZ	7.9578, 3.8003, 15.0279
YIQ	42.7280, 23.4190, 54.6750

Conversions

Conversions Part 2

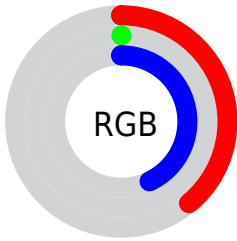
Format	Color
RYB	99, 1, 110
Decimal	6488430
CIELab	23.00, 50.63, -36.12
CIELCh	23, 62.194, 324.500
Yxy	3.8003, 0.2971, 0.1419
Android (android.graphics.Color)	4284678510 (0xFF63016E)
YUV	42.7280, 33.1651, 49.3505
Hunter-Lab	19.4944, 38.7501, -32.0595

Details

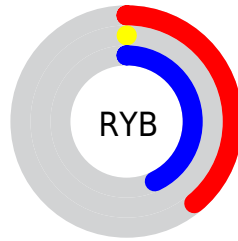
The CIELCh color **23, 62.194, 324.500** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **40, 63.358, 135.332**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **43, 62.075, 324.517**, and **9, 42.753, 321.271** is the 20% darker color. If you saturate the color by 10%, you get **23, 62.546, 324.493**, and if you desaturate by 10%, it is **24, 59.465, 324.574**.

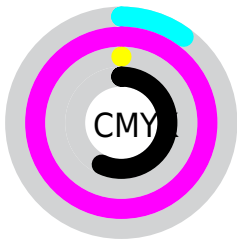
Distribution



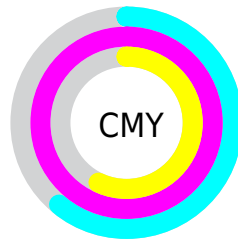
- Red (39%)
- Green (0%)
- Blue (43%)



- Red (39%)
- Yellow (0%)
- Blue (43%)



- Cyan (10%)
- Magenta (99%)
- Yellow (0%)
- Black (57%)





- Cyan (61%)
- Magenta (99%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 62.194, 324.500 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, 62.194, 324.500 by changing the saturation by 10% instead.

 23, 62.194,
324.500


 23, 62.194,
324.500

 100, 62.194,
324.500


 13, 62.194,
324.500


 43, 62.194,
324.500


 3, 62.194, 324.500

 53, 62.194,
324.500

 0, 62.194, 324.500

 63, 62.194,
324.500

 73, 62.194,
324.500

 83, 62.194,
324.500

 93, 62.194,

324.500

■ 23, 62.194,
324.500

■ 23, 62.194,
324.500

■ 23, 62.546,
324.493

■ 24, 59.465,
324.574

■ 25, 55.787,
324.562

■ 27, 50.762,
324.418

■ 29, 44.637,
324.165

■ 32, 37.705,
323.827

■ 34, 30.248,
323.430

■ 37, 22.498,
322.994

■ 40, 14.635,
322.536

■ 44, 6.786, 322.063

Harmonies

Complementary

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



23, 62.194, 324.500



40, 63.358, 135.332

Rectangle

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



23, 62.194, 324.500



23, 62.194, 14.500



23, 62.194, 144.500



23, 62.194, 194.500

Sweetspot

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



23, 62.193, 324.500



48, 29.115, 323.086



12, 64.972, 303.500



22, 19.715, 323.224



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, 62.193, 324.500



31, 75.544, 324.395



23, 47.568, 349.756



22, 4.443, 322.077



25, 66.552, 324.458



54, 113.722, 324.249

Inverse Universe

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



21, 51.048, 32.535



29, 63.638, 34.807



40, 51.710, 145.331



22, 2.669, 11.695



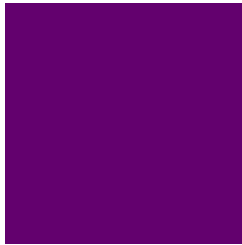
24, 55.340, 33.628



52, 97.773, 36.595

Previews

White Background



This preview shows how the CIE LCh color 23, 62.194, 324.500 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, 62.194, 324.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

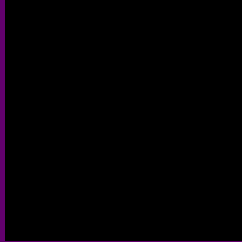
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 62.194, 324.500

Background



This preview shows how black text looks on a background with the CIELCh color 23, 62.194, 324.500.



This preview shows how white text looks on a background with the CIELCh color 23, 62.194, 324.500.

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, 62.344, 324.501

Protanopia

24, 41.904, 284.994

Deuteranopia

24, 30.012, 276.381



Tritanopia
24, 23.766, 20.327

Trichromacy



Original Color
23, 62.344, 324.501

Protanomaly
20, 53.512, 300.862

Deuteranomaly
20, 45.078, 302.463

Tritanomaly
22, 35.926, 344.050

Monochromacy



Original Color
23, 62.344, 324.501

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 29.629, 323.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 62.194, 324.500 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(99, 1, 110)` looks like.

```
.text, #text, p{  
    color:rgb(99, 1, 110)  
}
```

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(99, 1, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 1, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 62.194, 324.500 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(99, 1, 110) }
```

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

```
.border{ border-color:rgb(99, 1, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 1, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 1, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 1, 110);  
box-shadow:4px 4px 4px 4px rgb(99, 1, 110)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 62.194, 324.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 1, 110) }
```

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

```
.background{ background-color: rgb(99, 1,  
110) }
```

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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