

Converting Colors

CIELCh(23, 58.604, 326.080)

Have a look what the booklet for
CIELCh(23, 58.604, 326.080)
contains.

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Color

CIELCh(23, 58.854, 325.968)

Conversions

Conversions Part 1

Format	Color
Hex	630669
RGB	99, 6, 105
RGB Percent	39%, 2%, 41%
CMY	0.6119, 0.9766, 0.5883
CMYK	0.06, 0.94, 0.00, 0.59
HSL	296°, 89%, 22%
HSV	296°, 94%, 41%
XYZ	7.7566, 3.8003, 13.6837
YIQ	45.0930, 23.6490, 50.5050

Conversions

Conversions Part 2

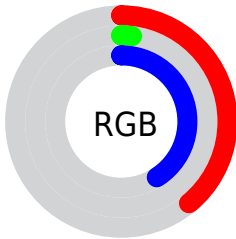
Format	Color
R_{YB}	99, 6, 105
Decimal	6489705
CIE _{Lab}	23.00, 48.77, -32.94
CIE _{LCh}	23, 58.854, 325.968
Yxy	3.8003, 0.3073, 0.1506
Android (android.graphics.Color)	4284679785 (0xFF630669)
YUV	45.0930, 29.5342, 47.2764
Hunter-Lab	19.4944, 36.9077, -27.9715

Details

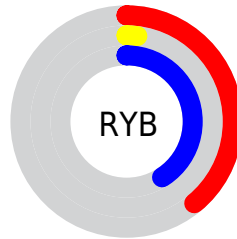
The CIELCh color **23, 58.854, 325.968** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **38, 60.259, 135.966**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **43, 58.735, 325.930**, and **9, 40.177, 323.560** is the 20% darker color. If you saturate the color by 10%, you get **22, 60.370, 325.980**, and if you desaturate by 10%, it is **24, 56.021, 325.941**.

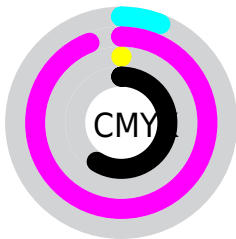
Distribution



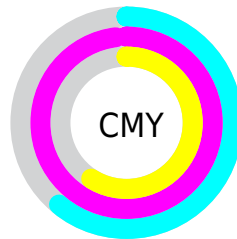
- Red (39%)
- Green (2%)
- Blue (41%)



- Red (39%)
- Yellow (2%)
- Blue (41%)



- Cyan (6%)
- Magenta (94%)
- Yellow (0%)
- Black (59%)




- Cyan (61%)
- Magenta (98%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 58.854, 325.968 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, 58.854, 325.968 by changing the saturation by 10% instead.

 23, 58.854,
325.968


 23, 58.854,
325.968

 100, 58.854,
325.968

 13, 58.854,
325.968


 43, 58.854,
325.968

 3, 58.854, 325.968

 53, 58.854,
325.968

 0, 58.854, 325.968

 63, 58.854,
325.968

 73, 58.854,
325.968

 83, 58.854,
325.968

 93, 58.854,

325.968

■ 23, 58.854,
325.968

■ 23, 58.854,
325.968

■ 22, 60.370,
325.980

■ 24, 56.021,
325.941

■ 25, 51.941,
325.808

■ 27, 46.652,
325.572

■ 29, 40.406,
325.250

■ 32, 33.476,
324.861

■ 34, 26.114,
324.426

■ 37, 18.527,
323.961

■ 40, 10.871,
323.479

■ 43, 3.258, 322.968

Harmonies

Complementary

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



23, 58.854, 325.968



38, 60.259, 135.966

Rectangle

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



23, 58.854, 325.968



23, 58.854, 15.968



23, 58.854, 145.968



23, 58.854, 195.968

Sweetspot

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



23, 58.853, 325.968



47, 26.660, 324.173



12, 62.919, 303.916



22, 18.257, 324.321



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, 58.853, 325.968



31, 73.327, 325.916



22, 44.288, 352.524



21, 4.325, 323.215



26, 65.323, 325.952



55, 112.436, 325.820

Inverse Universe

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



21, 48.396, 33.115



28, 63.179, 36.481



38, 46.282, 148.313



21, 2.552, 14.935



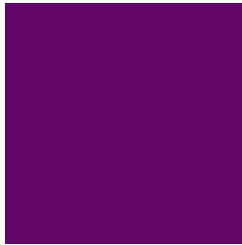
23, 55.384, 35.155



51, 99.011, 38.229

Previews

White Background



This preview shows how the CIE LCh color 23, 58.854, 325.968 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, 58.854, 325.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

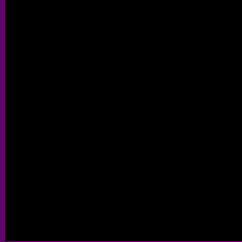
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 58.854, 325.968

Background



This preview shows how black text looks on a background with the CIELCh color 23, 58.854, 325.968.



This preview shows how white text looks on a background with the CIELCh color 23, 58.854, 325.968.

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, 58.854, 325.968

Protanopia

24, 41.297, 284.583

Deuteranopia

24, 27.860, 277.762



Tritanopia
24, 25.368, 21.162

Trichromacy



Original Color
23, 58.854, 325.968

Protanomaly
20, 50.283, 299.806

Deuteranomaly
21, 41.808, 304.341

Tritanomaly
23, 35.277, 347.365

Monochromacy



Original Color
23, 58.854, 325.968

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 27.772, 325.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 58.854, 325.968 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, 6, 105)` looks like.

```
.text, #text, p{  
    color:rgb(99, 6, 105)  
}
```

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, 6, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 6, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 58.854, 325.968 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, 6, 105) }
```

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

```
.border{ border-color:rgb(99, 6, 105) }
```

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

Here you see how a box with a 4 pixel rgb(99, 6, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 6, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 6, 105);  
box-shadow:4px 4px 4px 4px rgb(99, 6, 105)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 58.854, 325.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 6, 105) }
```

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

```
.background{ background-color: rgb(99, 6,  
105) }
```

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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