

Converting Colors

CIELCh(23, 69.611, 319.778)

Have a look what the booklet for
CIELCh(23, 69.611, 319.778)
contains.

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Color

CIELCh(23, 69.410, 319.535)

Conversions

Conversions Part 1

Format	Color
Hex	5E007C
RGB	94, 0, 124
RGB Percent	37%, 0%, 49%
CMY	0.6326, 1.0000, 0.5149
CMYK	0.24, 1.00, 0.00, 0.51
HSL	285°, 100%, 24%
HSV	285°, 100%, 49%
XYZ	8.1975, 3.8003, 19.2691
YIQ	42.2420, 16.2200, 58.4920

Conversions

Conversions Part 2

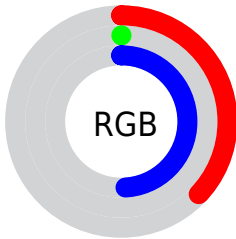
Format	Color
R_{YB}	94, 0, 124
Decimal	6160508
CIE _{Lab}	23.00, 52.81, -45.05
CIE _{LCh}	23, 69.410, 319.535
Yxy	3.8003, 0.2622, 0.1215
Android (android.graphics.Color)	4284350588 (0xFF5E007C)
YUV	42.2420, 40.3067, 45.3918
Hunter-Lab	19.4944, 40.9446, -44.9588

Details

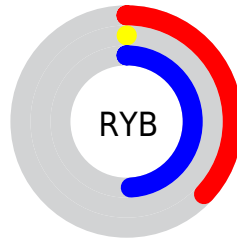
The CIELCh color **23, 69.410, 319.535** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **45, 67.993, 133.700**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **43, 69.379, 319.779**, and **9, 49.880, 314.654** is the 20% darker color. If you saturate the color by 10%, you get **23, 69.293, 319.515**, and if you desaturate by 10%, it is **24, 66.107, 319.826**.

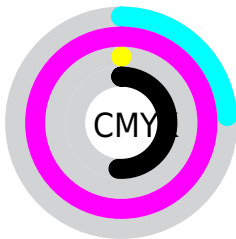
Distribution



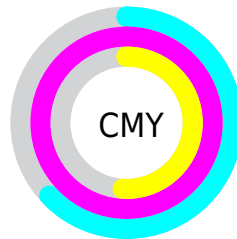
- Red (37%)
- Green (0%)
- Blue (49%)



- Red (37%)
- Yellow (0%)
- Blue (49%)



- Cyan (24%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)





- Cyan (63%)
- Magenta (100%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 69.410, 319.535 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, 69.410, 319.535 by changing the saturation by 10% instead.

 23, 69.410,
319.535


 23, 69.410,
319.535

 100, 69.410,
319.535


 13, 69.410,
319.535


 43, 69.410,
319.535


 3, 69.410, 319.535

 53, 69.410,
319.535

 0, 69.410, 319.535

 63, 69.410,
319.535

 73, 69.410,
319.535

 83, 69.410,
319.535

 93, 69.410,

319.535

■ 23, 69.410,
319.535

■ 23, 69.410,
319.535

■ 23, 69.293,
319.515

■ 24, 66.107,
319.826

■ 26, 61.886,
320.014

■ 28, 56.152,
319.996

■ 31, 49.254,
319.820

■ 34, 41.564,
319.530

■ 37, 33.404,
319.168

■ 41, 25.021,
318.765

■ 45, 16.590,
318.343

■ 48, 8.227, 317.915

Harmonies

Complementary

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



23, 69.410, 319.535



45, 67.993, 133.700

Rectangle

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



23, 69.410, 319.535



23, 69.410, 9.535



23, 69.410, 139.535



23, 69.410, 189.535

Sweetspot

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



23, 69.293, 319.515



53, 30.995, 318.795



18, 62.417, 299.523



25, 21.330, 318.938



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



23, 69.293, 319.515



31, 83.883, 319.324



27, 56.198, 340.798



24, 4.590, 317.874



23, 69.801, 319.507



50, 117.742, 319.081

Inverse Universe

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



25, 52.175, 23.932



33, 63.738, 25.427



45, 63.119, 140.420



24, 2.999, 0.809



25, 52.577, 23.997



53, 90.589, 27.277

Previews

White Background



This preview shows how the CIELCh color 23, 69.410, 319.535 looks on a white background.

Color Contrast Check

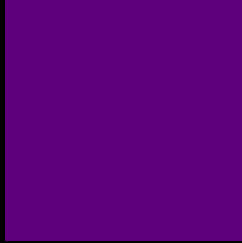
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 23, 69.410, 319.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

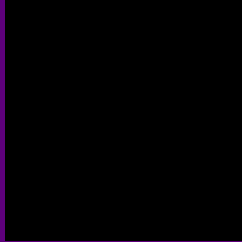
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 69.410, 319.535

Background



This preview shows how black text looks on a background with the CIELCh color 23, 69.410, 319.535.



This preview shows how white text looks on a background with the CIELCh color 23, 69.410, 319.535.

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, 69.410, 319.535

Protanopia

25, 41.233, 284.213

Deuteranopia

24, 30.547, 272.499



Tritanopia
24, 17.075, 14.456

Trichromacy



Original Color
23, 69.410, 319.535

Protanomaly
20, 56.583, 300.843

Deuteranomaly
20, 49.099, 299.159

Tritanomaly
22, 36.353, 332.943

Monochromacy



Original Color
23, 69.410, 319.535

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 32.901, 319.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 69.410, 319.535 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(94, 0, 124)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 124)  
}
```

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(94, 0, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 69.410, 319.535 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(94, 0, 124) }
```

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

```
.border{ border-color:rgb(94, 0, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 0, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 0, 124);  
box-shadow:4px 4px 4px 4px rgb(94, 0, 124)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 69.410, 319.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 124) }
```

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

```
.background{ background-color: rgb(94, 0,  
124) }
```

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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