

Converting Colors

CIELCh(23, 9.188, 328.673)

Have a look what the booklet for
CIELCh(23, 9.188, 328.673) contains.

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Color

CIELCh(23, 9.124, 327.711)

Conversions

Conversions Part 1

Format	Color
Hex	3F333E
RGB	63, 51, 62
RGB Percent	25%, 20%, 24%
CMY	0.7521, 0.7992, 0.7560
CMYK	0.00, 0.19, 0.02, 0.75
HSL	305°, 10%, 22%
HSV	305°, 19%, 25%
XYZ	4.1325, 3.8003, 5.1045
YIQ	55.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

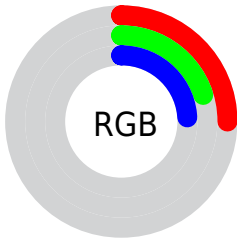
Format	Color
RYB	63, 51, 62
Decimal	4141886
CIELab	23.00, 7.71, -4.87
CIElCh	23, 9.124, 327.711
Yxy	3.8003, 0.3170, 0.2915
Android (android.graphics.Color)	4282331966 (0xFF3F333E)
YUV	55.8420, 3.0359, 6.2776
Hunter-Lab	19.4944, 3.7235, -1.8787

Details

The CIELCh color **23, 9.124, 327.711** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25, 9.109, 145.722**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 9.251, 329.301**, and **3, 9.160, 326.794** is the 20% darker color. If you saturate the color by 10%, you get **21, 13.941, 328.222**, and if you desaturate by 10%, it is **25, 4.301, 327.193**.

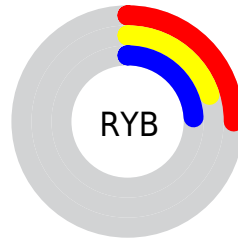
Distribution



 Red (25%)

 Green (20%)

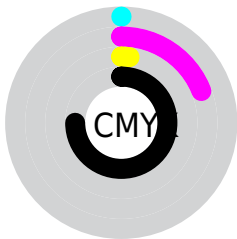
 Blue (24%)



 Red (25%)

 Yellow (20%)

 Blue (24%)

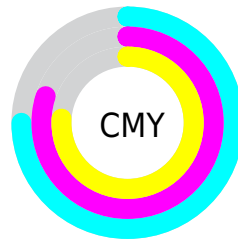


 Cyan (0%)


 Magenta (19%)

 Yellow (2%)

 Black (75%)



 Cyan (75%)

 Magenta (80%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 23, 9.124, 327.711 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, 9.124, 327.711 by changing the saturation by 10% instead.

■ 23, 9.124, 327.711

■ 23, 9.124, 327.711

■ 100, 9.124,
327.711

■ 13, 9.124, 327.711

■ 43, 9.124, 327.711

■ 3, 9.124, 327.711

■ 53, 9.124, 327.711

■ 0, 9.124, 327.711

■ 63, 9.124, 327.711

■ 73, 9.124, 327.711

■ 83, 9.124, 327.711

■ 93, 9.124, 327.711

■ 23, 9.124, 327.711

■ 23, 9.124, 327.711

21, 13.941,
328.222

19, 18.683,
328.726

18, 23.249,
329.220

16, 27.518,
329.697

15, 31.343,
330.150

14, 34.574,
330.575

13, 37.192,
330.973

12, 39.915,
331.352

12, 40.204,

25, 4.301, 327.193

27, 0.475, 146.986

29, 5.168, 146.269

31, 9.758, 145.790

33, 14.233,
145.337

35, 18.588,
144.905

37, 22.821,
144.494

39, 26.936,
144.103

42, 30.935,
143.734

Harmonies

Complementary

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



23, 9.124, 327.711



25, 9.109, 145.722

Rectangle

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



23, 9.124, 327.711



23, 9.124, 17.711



23, 9.124, 147.711



23, 9.124, 197.711

Sweetspot

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



23, 9.123, 327.711



33, 3.544, 327.044



22, 8.104, 295.012



16, 2.311, 327.051



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



23, 9.123, 327.711



29, 13.679, 327.966



23, 6.493, 349.921



10, 2.583, 327.161



20, 52.520, 331.608



52, 97.362, 331.905

Inverse Universe

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



23, 9.123, 327.711



29, 13.679, 327.966



26, 6.300, 166.917



10, 2.583, 327.161



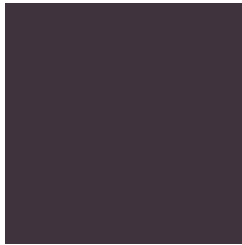
20, 52.520, 331.608



52, 97.362, 331.905

Previews

White Background



This preview shows how the CIELCh color 23, 9.124, 327.711 looks on a white background.

Color Contrast Check

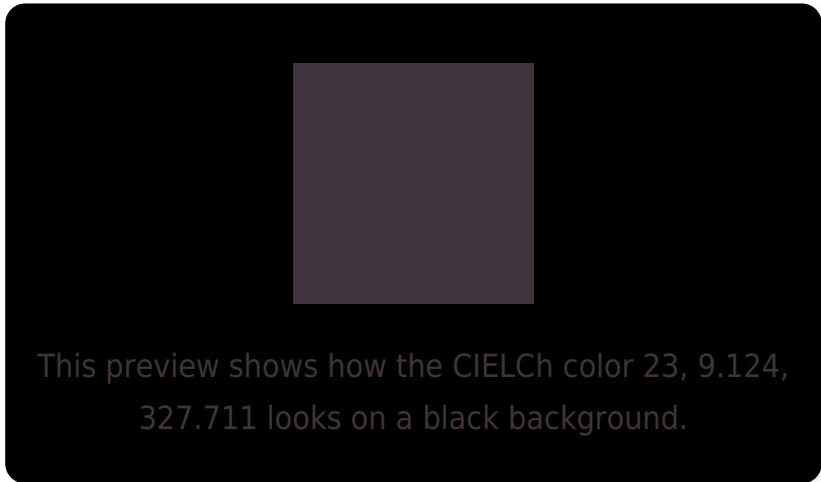
Large Text (above 18pt) WCAG AA ✓ Pass

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

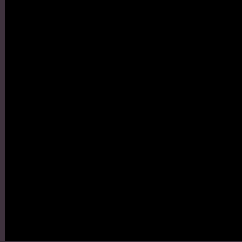
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 9.124, 327.711

Background



This preview shows how black text looks on a background with the CIELCh color 23, 9.124, 327.711.



This preview shows how white text looks on a background with the CIELCh color 23, 9.124, 327.711.

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

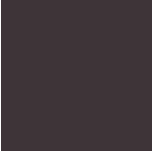
23, 9.124, 327.711

Protanopia

23, 6.043, 283.335

Deuteranopia

23, 5.522, 305.177



Tritanopia
23, 5.354, 350.688

Trichromacy



Original Color

23, 9.124, 327.711

Protanomaly

23, 6.171, 303.757

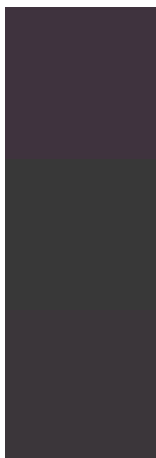
Deuteranomaly

23, 6.605, 315.186

Tritanomaly

23, 6.096, 339.685

Monochromacy



Original Color

23, 9.124, 327.711

Achromatopsia

24, 0.004, 296.813

Achromatomaly

23, 3.523, 330.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 9.124, 327.711 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(63, 51, 62)` looks like.

```
.text, #text, p{  
    color:rgb(63, 51, 62)  
}
```

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(63, 51, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 51, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 9.124, 327.711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

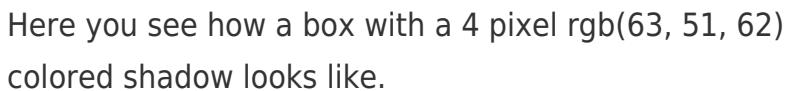
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(63, 51, 62) }
```

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

```
.border{ border-color:rgb(63, 51, 62) }
```

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



Here you see how a box with a 4 pixel `rgb(63, 51, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 51, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 51, 62);  
box-shadow:4px 4px 4px 4px rgb(63, 51, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 9.124, 327.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 51, 62) }
```

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

```
.background{ background-color: rgb(63, 51,  
62) }
```

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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