

Converting Colors

CIELCh(23, 28.899, 5.603)

Have a look what the booklet for
CIELCh(23, 28.899, 5.603) contains.

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Color

CIELCh(23, 28.862, 5.464)

Conversions

Conversions Part 1

Format	Color
Hex	5E2334
RGB	94, 35, 52
RGB Percent	37%, 14%, 20%
CMY	0.6324, 0.8637, 0.7969
CMYK	0.00, 0.63, 0.45, 0.63
HSL	343°, 46%, 25%
HSV	343°, 63%, 37%
XYZ	5.7987, 3.8003, 3.6510
YIQ	54.5790, 29.7070, 17.7950

Conversions

Conversions Part 2

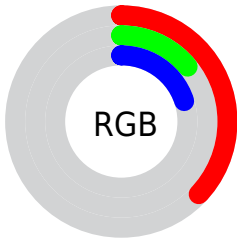
Format	Color
RYB	94, 35, 52
Decimal	6169396
CIELab	23.00, 28.73, 2.75
CIELCh	23, 28.862, 5.464
Yxy	3.8003, 0.4376, 0.2868
Android (android.graphics.Color)	4284359476 (0xFF5E2334)
YUV	54.5790, -1.2714, 34.5722
Hunter-Lab	19.4944, 18.9805, 2.5420

Details

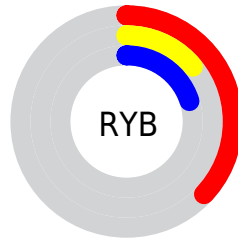
The CIELCh color **23, 28.862, 5.464** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36, 24.094, 170.210**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 28.646, 6.057**, and **5, 23.786, 14.662** is the 20% darker color. If you saturate the color by 10%, you get **21, 32.933, 8.099**, and if you desaturate by 10%, it is **25, 24.391, 3.343**.

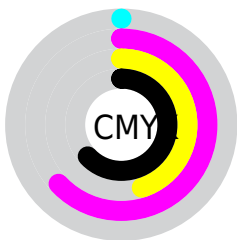
Distribution



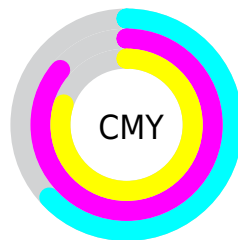
- Red (37%)
- Green (14%)
- Blue (20%)



- Red (37%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (63%)
- Yellow (45%)
- Black (63%)



- Cyan (63%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 23, 28.862, 5.464 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, 28.862, 5.464 by changing the saturation by 10% instead.

 23, 28.862, 5.464

 23, 28.862, 5.464

 100, 28.862, 5.464

 13, 28.862, 5.464

 43, 28.862, 5.464

 3, 28.862, 5.464


 53, 28.862, 5.464

 0, 28.862, 5.464

 63, 28.862, 5.464

 73, 28.862, 5.464

 83, 28.862, 5.464

 93, 28.862, 5.464

 23, 28.862, 5.464

 23, 28.862, 5.464

 21, 32.933, 8.099

 25, 24.391, 3.343

■ 20, 36.439, 11.382

■ 28, 19.706, 1.609

■ 18, 39.358, 15.337

■ 30, 14.957, 0.167

■ 18, 41.560, 17.972

■ 33, 10.256,
358.943

■ 36, 5.675, 357.875

■ 39, 1.255, 356.789

■ 42, 2.984, 176.295

■ 45, 7.039, 175.518

■ 48, 10.915,
174.851

Harmonies

Complementary

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



23, 28.862, 5.464



36, 24.094, 170.210

Rectangle

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



23, 28.862, 5.464



23, 28.862, 55.464



23, 28.862, 185.464



23, 28.862, 235.464

Sweetspot

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



23, 28.860, 5.466



44, 10.534, 358.575



22, 40.848, 318.064



21, 7.206, 358.786



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



23, 28.860, 5.466



28, 41.747, 9.471



25, 26.530, 40.380



17, 2.401, 357.462



22, 46.640, 19.164



50, 83.964, 23.138

Inverse Universe

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



23, 28.860, 5.466



28, 41.747, 9.471



32, 16.806, 224.180



17, 2.401, 357.462



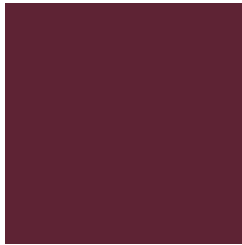
22, 46.640, 19.164



50, 83.964, 23.138

Previews

White Background



This preview shows how the CIE LCh color 23, 28.862, 5.464 looks on a white background.

Color Contrast Check

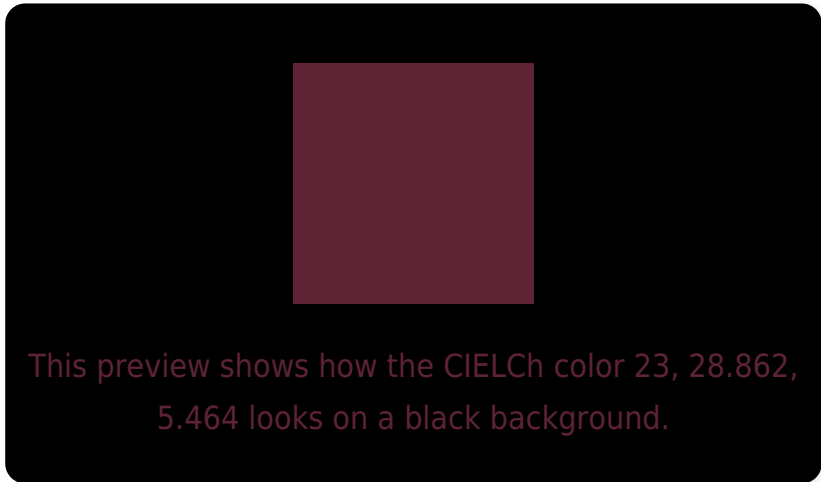
Large Text (above 18pt) WCAG AA ✓ Pass

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

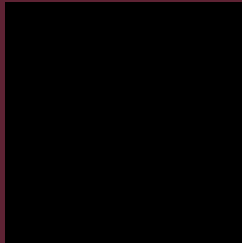
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 28.862, 5.464

Background



This preview shows how black text looks on a background with the CIELCh color 23, 28.862, 5.464.



This preview shows how white text looks on a background with the CIELCh color 23, 28.862, 5.464.

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, 28.862, 5.464

Protanopia

23, 5.998, 291.479

Deuteranopia

24, 5.898, 54.093



Tritanopia
23, 28.093, 22.625

Trichromacy



Original Color

23, 28.862, 5.464

Protanomaly

23, 12.431, 342.254

Deuteranomaly

23, 13.725, 14.205

Tritanomaly

23, 28.033, 16.420

Monochromacy



Original Color

23, 28.862, 5.464

Achromatopsia

23, 0.004, 296.813

Achromatomaly

22, 10.690, 359.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 28.862, 5.464 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, 35, 52)` looks like.

```
.text, #text, p{  
    color:rgb(94, 35, 52)  
}
```

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, 35, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 35, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 28.862, 5.464 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, 35, 52) }
```

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

```
.border{ border-color:rgb(94, 35, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 35, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 35, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 35, 52);  
box-shadow:4px 4px 4px 4px rgb(94, 35, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 28.862, 5.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 35, 52) }
```

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

```
.background{ background-color: rgb(94, 35,  
52) }
```

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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