

Converting Colors

CIELCh(23, 28.942, 18.779)

Have a look what the booklet for
CIELCh(23, 28.942, 18.779) contains.

CIELCh(23, 28.700, 19.327)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(23, 28.700, 19.327)

Conversions

Conversions Part 1

Format	Color
Hex	5E242A
RGB	94, 36, 42
RGB Percent	37%, 14%, 16%
CMY	0.6317, 0.8591, 0.8355
CMYK	0.00, 0.62, 0.55, 0.63
HSL	354°, 45%, 25%
HSV	354°, 62%, 37%
XYZ	5.6542, 3.8003, 2.6204
YIQ	54.0260, 32.6420, 14.1620

Conversions

Conversions Part 2

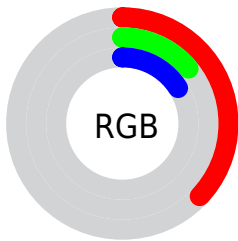
Format	Color
R _Y B	94, 36, 42
Decimal	6169642
CIE Lab	23.00, 27.08, 9.50
CIE LCh	23, 28.700, 19.327
Yxy	3.8003, 0.4683, 0.3147
Android (android.graphics.Color)	4284359722 (0xFF5E242A)
YUV	54.0260, -5.9288, 35.0572
Hunter-Lab	19.4944, 17.6578, 5.6765

Details

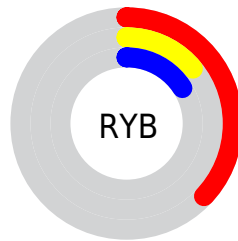
The CIELCh color **23, 28.700, 19.327** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36, 20.508, 186.212**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 28.640, 19.073**, and **5, 23.909, 20.292** is the 20% darker color. If you saturate the color by 10%, you get **21, 33.562, 22.111**, and if you desaturate by 10%, it is **25, 23.711, 17.102**.

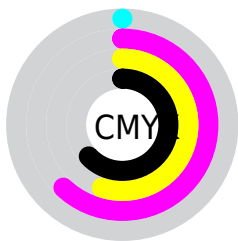
Distribution



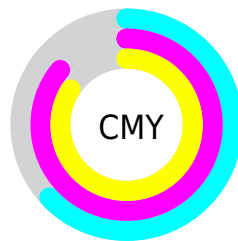
- Red (37%)
- Green (14%)
- Blue (16%)



- Red (37%)
- Yellow (14%)
- Blue (16%)



- Cyan (0%)
- Magenta (62%)
- Yellow (55%)
- Black (63%)



- Cyan (63%)
- Magenta (86%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 23, 28.700, 19.327 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, 28.700, 19.327 by changing the saturation by 10% instead.

■ 23, 28.700, 19.327

■ 23, 28.700, 19.327

■ 100, 28.700,
19.327

■ 13, 28.700, 19.327

■ 43, 28.700, 19.327

■ 3, 28.700, 19.327

■ 53, 28.700, 19.327

■ 0, 28.700, 19.327

■ 63, 28.700, 19.327

■ 73, 28.700, 19.327

■ 83, 28.700, 19.327

■ 93, 28.700, 19.327

■ 23, 28.700, 19.327

■ 23, 28.700, 19.327

21, 33.562, 22.111

25, 23.711, 17.102

19, 38.154, 25.521

28, 18.741, 15.322

18, 42.262, 29.204

31, 13.899, 13.888

17, 45.146, 30.604

33, 9.256, 12.717

36, 4.851, 11.730

39, 0.698, 10.550

42, 3.208, 190.412

45, 6.879, 189.778

49, 10.334,
189.256

Harmonies

Complementary

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



23, 28.700, 19.327



36, 20.508, 186.212

Rectangle

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



23, 28.700, 19.327



23, 28.700, 69.327



23, 28.700, 199.327



23, 28.700, 249.327

Sweetspot

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



23, 28.698, 19.330



44, 9.997, 12.492



24, 40.968, 323.732



21, 6.855, 12.692



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, 28.698, 19.330



28, 43.055, 23.590



28, 24.183, 56.793



17, 2.252, 11.459



21, 51.382, 32.621



50, 94.458, 36.375

Inverse Universe

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



23, 28.698, 19.330



28, 43.055, 23.590



29, 17.857, 252.288



17, 2.252, 11.459



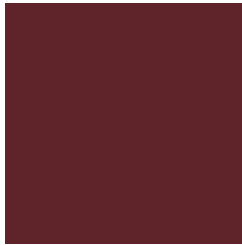
21, 51.382, 32.621



50, 94.458, 36.375

Previews

White Background



This preview shows how the CIE LCh color 23, 28.700, 19.327 looks on a white background.

Color Contrast Check

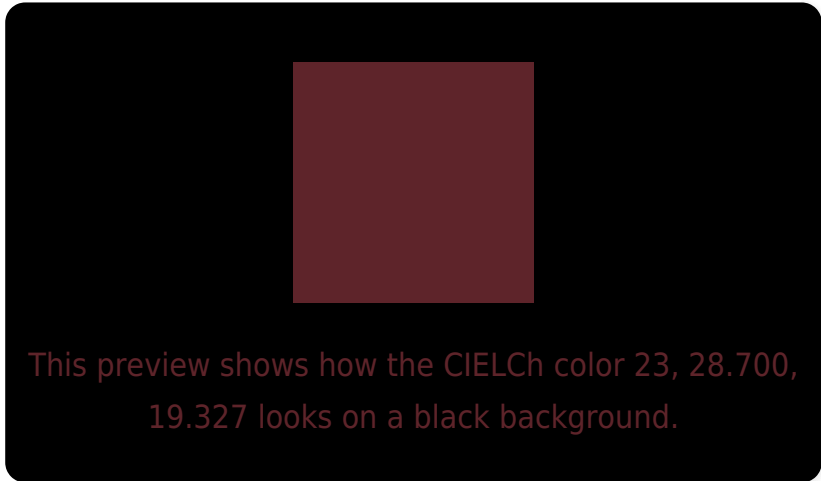
Large Text (above 18pt) WCAG AA ✓ Pass

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

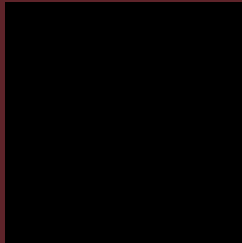
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 28.700, 19.327

Background



This preview shows how black text looks on a background with the CIELCh color 23, 28.700, 19.327.



This preview shows how white text looks on a background with the CIELCh color 23, 28.700, 19.327.

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, 28.700, 19.327

Protanopia

24, 3.438, 93.470

Deuteranopia

24, 12.050, 74.431



Tritanopia
23, 29.135, 23.134

Trichromacy



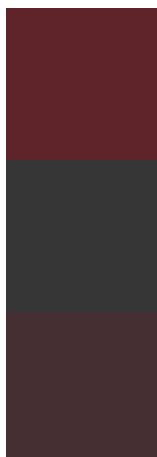
Original Color
23, 28.700, 19.327

Protanomaly
23, 10.865, 25.066

Deuteranomaly
23, 16.344, 38.569

Tritanomaly
23, 28.974, 21.879

Monochromacy



Original Color
23, 28.700, 19.327

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 10.798, 11.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 28.700, 19.327 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, 36, 42)` looks like.

```
.text, #text, p{  
    color:rgb(94, 36, 42)  
}
```

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, 36, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 36, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 28.700, 19.327 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, 36, 42) }
```

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

```
.border{ border-color:rgb(94, 36, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 36, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 36, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 36, 42);  
box-shadow:4px 4px 4px 4px rgb(94, 36, 42)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 28.700, 19.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 36, 42) }
```

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

```
.background{ background-color: rgb(94, 36,  
42) }
```

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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