

Converting Colors

CIELCh(23, 28.635, 359.613)

Have a look what the booklet for
CIELCh(23, 28.635, 359.613)
contains.

CIELCh(23, 28.861, 359.819)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(23, 28.861, 359.819)

Conversions

Conversions Part 1

Format	Color
Hex	5D2338
RGB	93, 35, 56
RGB Percent	36%, 14%, 22%
CMY	0.6358, 0.8632, 0.7808
CMYK	0.00, 0.62, 0.40, 0.64
HSL	338°, 45%, 25%
HSV	338°, 62%, 36%
XYZ	5.8102, 3.8003, 4.1548
YIQ	54.7360, 27.8270, 18.8270

Conversions

Conversions Part 2

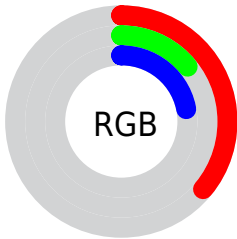
Format	Color
RYB	93, 35, 56
Decimal	6103864
CIELab	23.00, 28.86, -0.09
CIELCh	23, 28.861, 359.819
Yxy	3.8003, 0.4221, 0.2761
Android (android.graphics.Color)	4284293944 (0xFF5D2338)
YUV	54.7360, 0.6232, 33.5575
Hunter-Lab	19.4944, 19.0857, 1.0099

Details

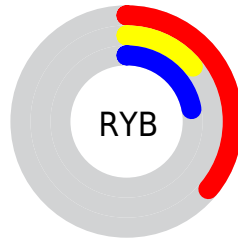
The CIELCh color **23, 28.861, 359.819** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **35, 25.412, 165.182**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 28.806, 359.899**, and **5, 23.264, 8.352** is the 20% darker color. If you saturate the color by 10%, you get **21, 32.759, 2.172**, and if you desaturate by 10%, it is **25, 24.486, 357.911**.

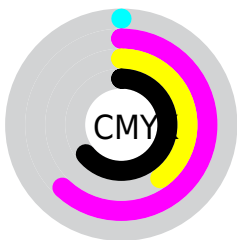
Distribution



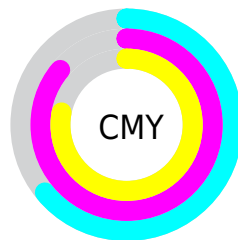
- Red (36%)
- Green (14%)
- Blue (22%)



- Red (36%)
- Yellow (14%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (40%)
- Black (64%)





- Cyan (64%)
- Magenta (86%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 28.861, 359.819 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, 28.861, 359.819 by changing the saturation by 10% instead.

 23, 28.861,
359.819

 23, 28.861,
359.819

 100, 28.861,
359.819

 13, 28.861,
359.819


 43, 28.861,
359.819


 3, 28.861, 359.819

 53, 28.861,
359.819

 0, 28.861, 359.819

 63, 28.861,
359.819

 73, 28.861,
359.819

 83, 28.861,
359.819

 93, 28.861,

359.819

■ 23, 28.861,
359.819

■ 23, 28.861,
359.819

■ 21, 32.759, 2.172

■ 25, 24.486,
357.911

■ 20, 35.997, 5.102

■ 28, 19.835,
356.332

■ 18, 38.517, 8.684

■ 18, 40.504, 11.298

■ 30, 15.068,
354.999

■ 33, 10.307,
353.851

■ 36, 5.630, 352.834

■ 39, 1.086, 351.758

■ 42, 3.300, 171.287

■ 45, 7.518, 170.528

■ 48, 11.570,
169.864

Harmonies

Complementary

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



23, 28.861, 359.819



35, 25.412, 165.182

Rectangle

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



23, 28.861, 359.819



23, 28.861, 49.819



23, 28.861, 179.819



23, 28.861, 229.819

Sweetspot

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



23, 28.859, 359.821



44, 10.727, 353.549



21, 40.075, 316.002



21, 7.461, 353.755



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, 28.859, 359.821



27, 41.210, 3.511



24, 27.182, 35.300



17, 2.498, 352.483



22, 45.617, 12.482



50, 81.259, 16.273

Inverse Universe

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



23, 28.859, 359.821



27, 41.210, 3.511



33, 17.112, 214.012



17, 2.498, 352.483



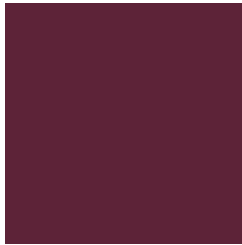
22, 45.617, 12.482



50, 81.259, 16.273

Previews

White Background



This preview shows how the CIELCh color 23, 28.861, 359.819 looks on a white background.

Color Contrast Check

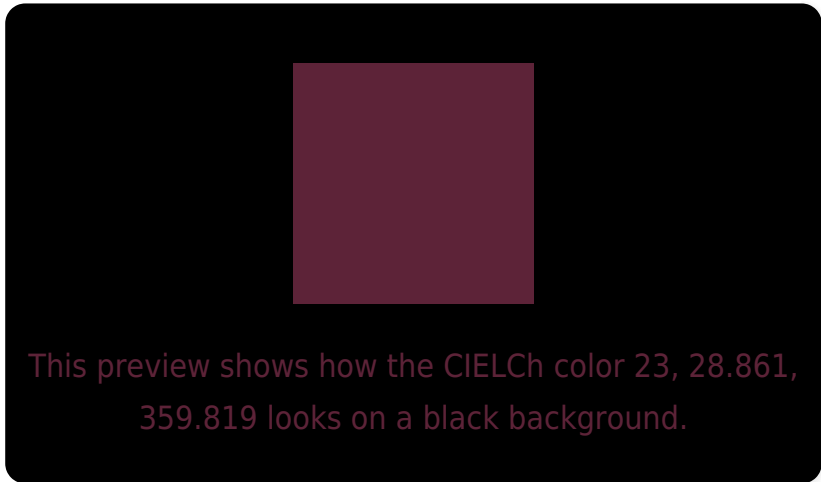
Large Text (above 18pt) WCAG AA ✓ Pass

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

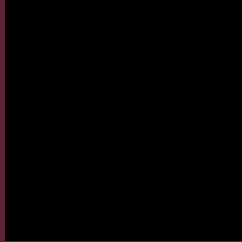
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 28.861, 359.819

Background



This preview shows how black text looks on a background with the CIELCh color 23, 28.861, 359.819.



This preview shows how white text looks on a background with the CIELCh color 23, 28.861, 359.819.

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, 28.861, 359.819

Protanopia

23, 8.682, 286.539

Deuteranopia

23, 3.836, 29.970



Tritanopia
23, 27.049, 22.112

Trichromacy



Original Color
23, 28.861, 359.819

Protanomaly
23, 13.599, 330.623

Deuteranomaly
23, 13.097, 1.746

Tritanomaly
23, 26.989, 14.259

Monochromacy



Original Color
23, 28.861, 359.819

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 10.868, 356.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 28.861, 359.819 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(93, 35, 56)` looks like.

```
.text, #text, p{  
    color:rgb(93, 35, 56)  
}
```

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(93, 35, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 35, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 28.861, 359.819 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(93, 35, 56) }
```

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

```
.border{ border-color:rgb(93, 35, 56) }
```

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

Here you see how a box with a 4 pixel rgb(93, 35, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 35, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 35, 56);  
box-shadow:4px 4px 4px 4px rgb(93, 35, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 28.861, 359.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 35, 56) }
```

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

```
.background{ background-color: rgb(93, 35,  
56) }
```

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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