

Converting Colors

CIELCh(23, 34.165, 22.671)

Have a look what the booklet for
CIELCh(23, 34.165, 22.671) contains.

CIELCh(23, 34.165, 22.671)	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, 34.165, 22.671)

Conversions

Conversions Part 1

Format	Color
Hex	641F25
RGB	100, 31, 37
RGB Percent	39%, 12%, 15%
CMY	0.6087, 0.8791, 0.8555
CMYK	0.00, 0.69, 0.63, 0.61
HSL	355°, 53%, 26%
HSV	355°, 69%, 39%
XYZ	6.0492, 3.8003, 2.1518
YIQ	52.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

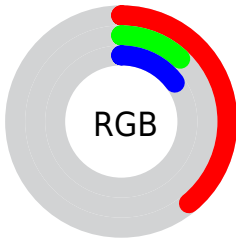
Format	Color
R_{YB}	100, 31, 37
Decimal	6561573
CIE _{Lab}	23.00, 31.53, 13.17
CIE _{LCh}	23, 34.165, 22.671
Yxy	3.8003, 0.5040, 0.3167
Android (android.graphics.Color)	4284751653 (0xFF641F25)
YUV	52.3150, -7.5503, 41.8197
Hunter-Lab	19.4944, 21.2740, 7.1015

Details

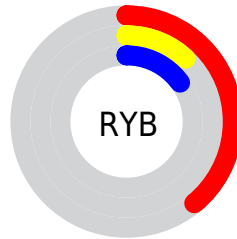
The CIELCh color **23, 34.165, 22.671** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38, 22.901, 187.201**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 34.342, 21.860**, and **6, 25.890, 21.103** is the 20% darker color. If you saturate the color by 10%, you get **21, 39.163, 25.953**, and if you desaturate by 10%, it is **25, 28.930, 20.011**.

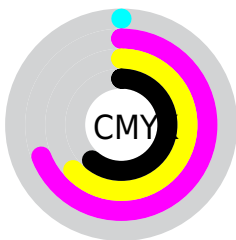
Distribution



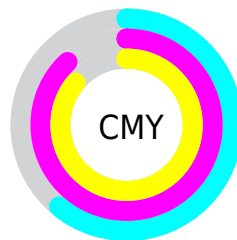
- Red (39%)
- Green (12%)
- Blue (15%)



- Red (39%)
- Yellow (12%)
- Blue (15%)



- Cyan (0%)
- Magenta (69%)
- Yellow (63%)
- Black (61%)



- Cyan (61%)
- Magenta (88%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 23, 34.165, 22.671 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, 34.165, 22.671 by changing the saturation by 10% instead.

■ 23, 34.165, 22.671

■ 23, 34.165, 22.671

■ 100, 34.165,
22.671

■ 13, 34.165, 22.671

■ 43, 34.165, 22.671

■ 3, 34.165, 22.671

■ 53, 34.165, 22.671

■ 0, 34.165, 22.671

■ 63, 34.165, 22.671

■ 73, 34.165, 22.671

■ 83, 34.165, 22.671

■ 93, 34.165, 22.671

■ 23, 34.165, 22.671

■ 23, 34.165, 22.671

21, 39.163, 25.953

25, 28.930, 20.011

20, 43.760, 29.783

28, 23.621, 17.888

19, 47.506, 32.057

30, 18.380, 16.197

19, 47.808, 32.147

33, 13.313, 14.840

36, 8.483, 13.733

39, 3.921, 12.790

43, 0.365, 193.014

46, 4.386, 191.568

49, 8.158, 190.993

Harmonies

Complementary

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



23, 34.165, 22.671



38, 22.901, 187.201

Rectangle

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



23, 34.165, 22.671



23, 34.165, 72.671



23, 34.165, 202.671



23, 34.165, 252.671

Sweetspot

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



23, 34.163, 22.674



46, 11.672, 13.990



24, 47.224, 324.441



23, 8.008, 14.196



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



23, 34.163, 22.674



28, 50.883, 28.343



29, 28.989, 57.783



19, 2.457, 12.774



22, 53.738, 33.820



51, 96.923, 37.170

Inverse Universe

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



23, 34.163, 22.674



28, 50.883, 28.343



29, 20.961, 257.050



19, 2.457, 12.774



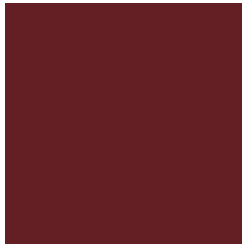
22, 53.738, 33.820



51, 96.923, 37.170

Previews

White Background



This preview shows how the CIE LCh color 23, 34.165, 22.671 looks on a white background.

Color Contrast Check

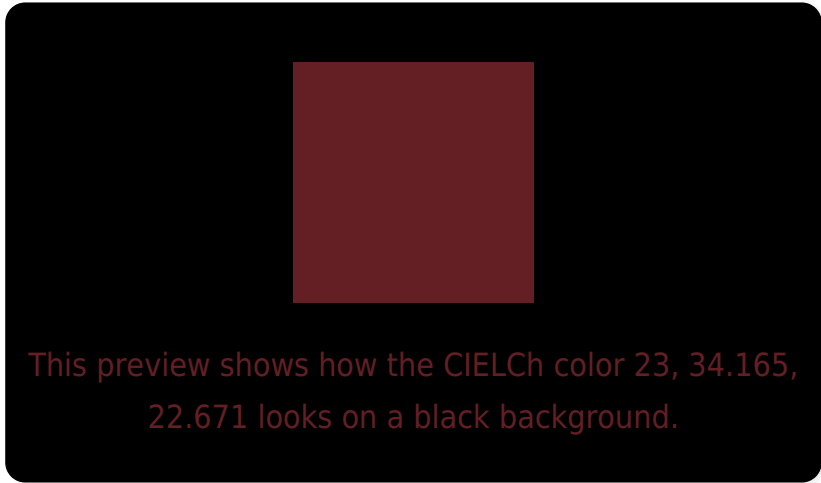
Large Text (above 18pt) WCAG AA ✓ Pass

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

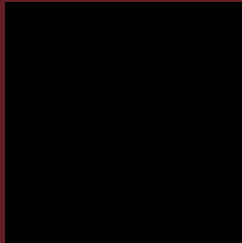
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 34.165, 22.671

Background



This preview shows how black text looks on a background with the CIELCh color 23, 34.165, 22.671.



This preview shows how white text looks on a background with the CIELCh color 23, 34.165, 22.671.

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, 34.165, 22.671

Protanopia

24, 6.125, 95.129

Deuteranopia

24, 15.798, 79.342



Tritanopia
23, 34.980, 26.803

Trichromacy



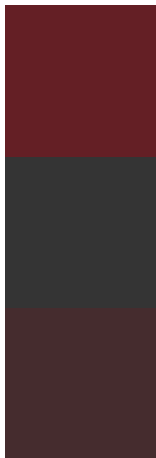
Original Color
23, 34.165, 22.671

Protanomaly
23, 14.030, 32.905

Deuteranomaly
23, 20.119, 45.351

Tritanomaly
23, 34.757, 25.792

Monochromacy



Original Color
23, 34.165, 22.671

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 12.383, 16.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 34.165, 22.671 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(100, 31, 37)` looks like.

```
.text, #text, p{  
    color:rgb(100, 31, 37)  
}
```

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(100, 31, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 31, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 34.165, 22.671 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(100, 31, 37) }
```

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

```
.border{ border-color:rgb(100, 31, 37) }
```

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

Here you see how a box with a 4 pixel rgb(100, 31, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 31, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 31, 37);  
box-shadow:4px 4px 4px 4px rgb(100, 31,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 23, 34.165, 22.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 31, 37) }
```

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

```
.background{ background-color: rgb(100, 31,  
37) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor