

Converting Colors

CIELCh(23, 30.358, 3.369)

Have a look what the booklet for
CIELCh(23, 30.358, 3.369) contains.

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Color

CIELCh(23, 30.325, 3.457)

Conversions

Conversions Part 1

Format	Color
Hex	5F2135
RGB	95, 33, 53
RGB Percent	37%, 13%, 21%
CMY	0.6267, 0.8698, 0.7915
CMYK	0.00, 0.65, 0.44, 0.63
HSL	341°, 48%, 25%
HSV	341°, 65%, 37%
XYZ	5.9358, 3.8003, 3.8094
YIQ	53.8180, 30.5320, 19.3640

Conversions

Conversions Part 2

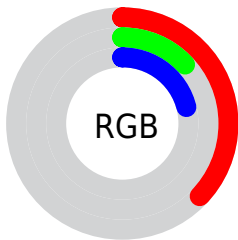
Format	Color
R_{YB}	95, 33, 53
Decimal	6234421
CIE _{Lab}	23.00, 30.27, 1.83
CIE _{LCh}	23, 30.325, 3.457
Yxy	3.8003, 0.4382, 0.2806
Android (android.graphics.Color)	4284424501 (0xFF5F2135)
YUV	53.8180, -0.4033, 36.1166
Hunter-Lab	19.4944, 20.2356, 2.0602

Details

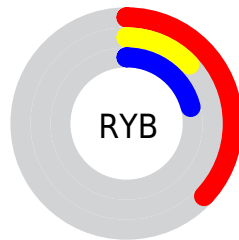
The CIELCh color **23, 30.325, 3.457** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36, 25.849, 167.460**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 30.194, 3.828**, and **6, 24.418, 13.256** is the 20% darker color. If you saturate the color by 10%, you get **21, 34.223, 6.126**, and if you desaturate by 10%, it is **25, 25.931, 1.310**.

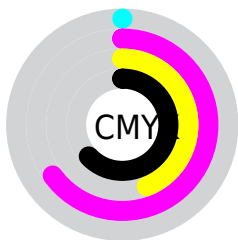
Distribution



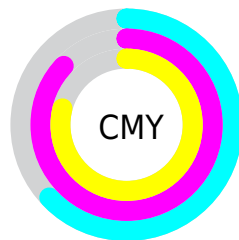
- Red (37%)
- Green (13%)
- Blue (21%)



- Red (37%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (65%)
- Yellow (44%)
- Black (63%)



- Cyan (63%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 23, 30.325, 3.457 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, 30.325, 3.457 by changing the saturation by 10% instead.

 23, 30.325, 3.457

 23, 30.325, 3.457

 100, 30.325, 3.457

 13, 30.325, 3.457

 43, 30.325, 3.457

 3, 30.325, 3.457

 53, 30.325, 3.457

 0, 30.325, 3.457

 63, 30.325, 3.457

 73, 30.325, 3.457

 83, 30.325, 3.457

 93, 30.325, 3.457

 23, 30.325, 3.457

 23, 30.325, 3.457

 21, 34.223, 6.126

 25, 25.931, 1.310

20, 37.460, 9.455

28, 21.240,
359.555

19, 40.153, 13.346

30, 16.423,
358.093

18, 41.580, 15.102

33, 11.607,
356.851

36, 6.880, 355.770

39, 2.294, 354.758

42, 2.122, 174.180

45, 6.360, 173.351

48, 10.419,
172.663

Harmonies

Complementary

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



23, 30.325, 3.457



36, 25.849, 167.460

Rectangle

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



23, 30.325, 3.457



23, 30.325, 53.457



23, 30.325, 183.457



23, 30.325, 233.457

Sweetspot

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



23, 30.323, 3.459



45, 11.472, 356.348



22, 42.600, 317.093



22, 7.912, 356.561



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



23, 30.323, 3.459



28, 43.694, 7.806



25, 28.604, 38.036



18, 2.558, 355.146



22, 46.865, 16.304



51, 83.245, 20.104

Inverse Universe

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



23, 30.323, 3.459



28, 43.694, 7.806



33, 17.586, 219.325



18, 2.558, 355.146



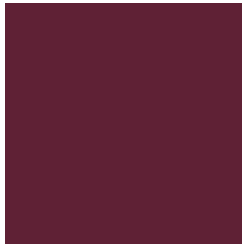
22, 46.865, 16.304



51, 83.245, 20.104

Previews

White Background



This preview shows how the CIE LCh color 23, 30.325, 3.457 looks on a white background.

Color Contrast Check

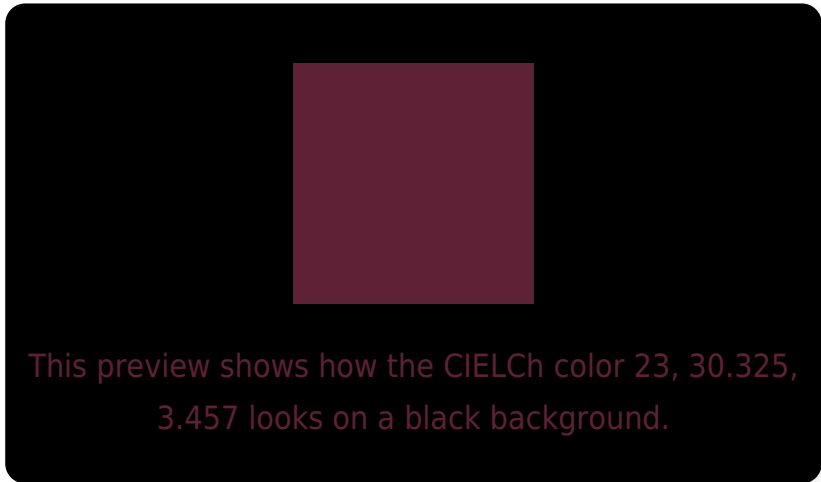
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.325, 3.457

Background



This preview shows how black text looks on a background with the CIELCh color 23, 30.325, 3.457.



This preview shows how white text looks on a background with the CIELCh color 23, 30.325, 3.457.

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, 30.325, 3.457

Protanopia

24, 6.683, 284.305

Deuteranopia

24, 5.522, 48.682



Tritanopia
23, 29.135, 23.134

Trichromacy



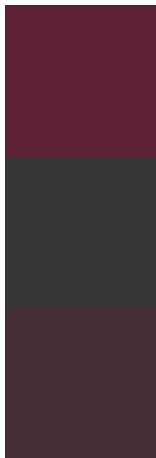
Original Color
23, 30.325, 3.457

Protanomaly
23, 12.828, 339.885

Deuteranomaly
23, 14.311, 9.403

Tritanomaly
23, 28.932, 15.883

Monochromacy



Original Color
23, 30.325, 3.457

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 12.017, 355.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 30.325, 3.457 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(95, 33, 53)` looks like.

```
.text, #text, p{  
    color:rgb(95, 33, 53)  
}
```

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(95, 33, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 33, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 30.325, 3.457 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(95, 33, 53) }
```

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

```
.border{ border-color:rgb(95, 33, 53) }
```

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

Here you see how a box with a 4 pixel rgb(95, 33, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 33, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 33, 53);  
box-shadow:4px 4px 4px 4px rgb(95, 33, 53)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 30.325, 3.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 33, 53) }
```

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

```
.background{ background-color: rgb(95, 33,  
53) }
```

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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