

Converting Colors

CIELCh(23, 41.915, 6.157)

Have a look what the booklet for
CIELCh(23, 41.915, 6.157) contains.

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Color

CIELCh(23, 41.915, 6.157)

Conversions

Conversions Part 1

Format	Color
Hex	6D0F32
RGB	109, 15, 50
RGB Percent	43%, 6%, 20%
CMY	0.5734, 0.9422, 0.8046
CMYK	0.00, 0.86, 0.54, 0.57
HSL	338°, 76%, 24%
HSV	338°, 86%, 43%
XYZ	7.0194, 3.8003, 3.3622
YIQ	47.0960, 44.7890, 30.8130

Conversions

Conversions Part 2

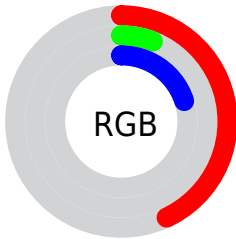
Format	Color
R_{YB}	109, 15, 50
Decimal	7147314
CIE _{Lab}	23.00, 41.67, 4.50
CIE _{LCh}	23, 41.915, 6.157
Yxy	3.8003, 0.4950, 0.2680
Android (android.graphics.Color)	4285337394 (0xFF6D0F32)
YUV	47.0960, 1.4317, 54.2898
Hunter-Lab	19.4944, 30.1578, 3.4203

Details

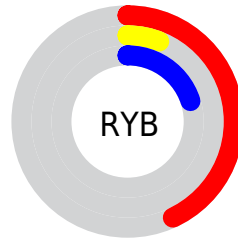
The CIELCh color **23, 41.915, 6.157** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **40, 36.970, 160.267**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 41.997, 6.151**, and **8, 30.065, 22.820** is the 20% darker color. If you saturate the color by 10%, you get **22, 44.342, 10.082**, and if you desaturate by 10%, it is **24, 38.766, 2.837**.

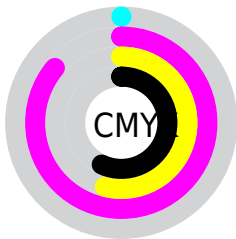
Distribution



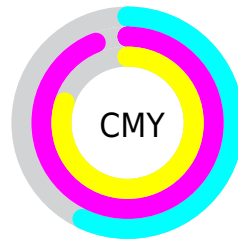
- Red (43%)
- Green (6%)
- Blue (20%)



- Red (43%)
- Yellow (6%)
- Blue (20%)



- Cyan (0%)
- Magenta (86%)
- Yellow (54%)
- Black (57%)




- Cyan (57%)
- Magenta (94%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 23, 41.915, 6.157 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, 41.915, 6.157 by changing the saturation by 10% instead.

 23, 41.915, 6.157  23, 41.915, 6.157

 100, 41.915, 6.157  13, 41.915, 6.157

 43, 41.915, 6.157  3, 41.915, 6.157


 53, 41.915, 6.157  0, 41.915, 6.157

 63, 41.915, 6.157

 73, 41.915, 6.157

 83, 41.915, 6.157

 93, 41.915, 6.157

 23, 41.915, 6.157  23, 41.915, 6.157

 22, 44.342, 10.082  24, 38.766, 2.837

■ 22, 45.269, 11.413

■ 26, 34.739, 0.187

■ 29, 30.024,
358.057

■ 31, 24.860,
356.317

■ 34, 19.463,
354.866

■ 37, 14.003,
353.629

■ 41, 8.598, 352.550

■ 44, 3.323, 351.558

■ 47, 1.782, 170.971

Harmonies

Complementary

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



23, 41.915, 6.157



40, 36.970, 160.267

Rectangle

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



23, 41.915, 6.157



23, 41.915, 56.157



23, 41.915, 186.157



23, 41.915, 236.157

Sweetspot

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



23, 41.913, 6.159



48, 16.952, 353.655



19, 59.404, 315.703



23, 11.612, 353.956



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



23, 41.913, 6.159



29, 54.496, 12.935



24, 45.823, 38.479



21, 2.864, 351.805



24, 47.804, 11.898



52, 82.970, 15.316

Inverse Universe

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



23, 41.913, 6.159



29, 54.496, 12.935



38, 22.822, 214.346



21, 2.864, 351.805



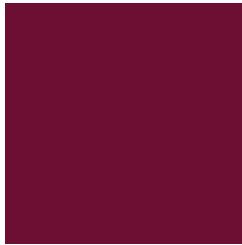
24, 47.804, 11.898



52, 82.970, 15.316

Previews

White Background



This preview shows how the CIE LCh color 23, 41.915, 6.157 looks on a white background.

Color Contrast Check

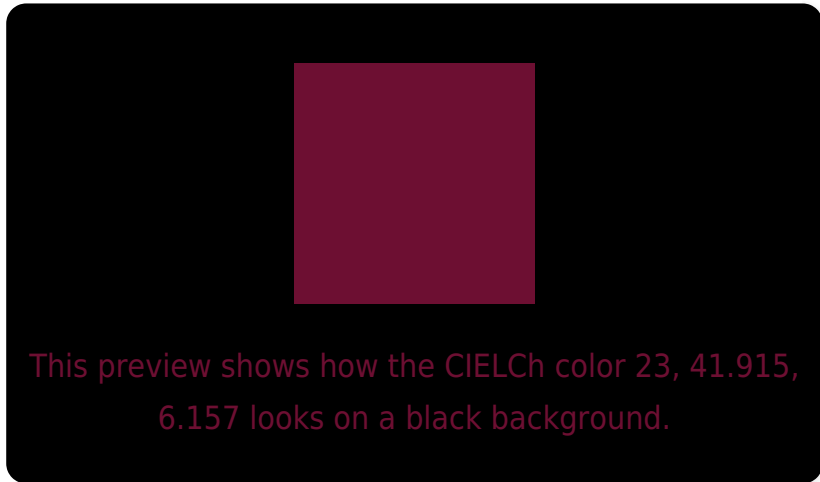
Large Text (above 18pt) WCAG AA ✓ Pass

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

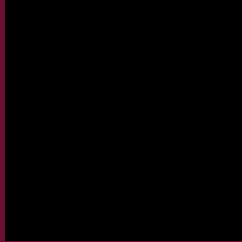
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 41.915, 6.157

Background



This preview shows how black text looks on a background with the CIELCh color 23, 41.915, 6.157.



This preview shows how white text looks on a background with the CIELCh color 23, 41.915, 6.157.

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, 41.915, 6.157

Protanopia

24, 8.673, 283.773

Deuteranopia

24, 8.970, 66.984



Tritanopia
23, 43.258, 31.182

Trichromacy



Original Color
23, 41.915, 6.157

Protanomaly
22, 19.731, 339.189

Deuteranomaly
22, 20.836, 12.019

Tritanomaly
23, 41.794, 22.669

Monochromacy



Original Color
23, 41.915, 6.157

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 18.152, 355.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 41.915, 6.157 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(109, 15, 50)` looks like.

```
.text, #text, p{  
    color:rgb(109, 15, 50)  
}
```

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(109, 15, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 15, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 41.915, 6.157 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(109, 15, 50) }
```

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

```
.border{ border-color:rgb(109, 15, 50) }
```

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

Here you see how a box with a 4 pixel rgb(109, 15, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 15, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 15, 50);  
box-shadow:4px 4px 4px 4px rgb(109, 15,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 23, 41.915, 6.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 15, 50) }
```

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

```
.background{ background-color: rgb(109, 15,  
50) }
```

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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