

Converting Colors

CIELCh(23, 44.160, 351.776)

Have a look what the booklet for
CIELCh(23, 44.160, 351.776)
contains.

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Color

CIELCh(23, 44.054, 352.361)

Conversions

Conversions Part 1

Format	Color
Hex	6C0C41
RGB	108, 12, 65
RGB Percent	42%, 5%, 25%
CMY	0.5776, 0.9547, 0.7461
CMYK	0.00, 0.89, 0.40, 0.58
HSL	327°, 81%, 23%
HSV	327°, 89%, 42%
XYZ	7.2210, 3.8003, 5.3159
YIQ	46.7460, 40.2030, 36.8350

Conversions

Conversions Part 2

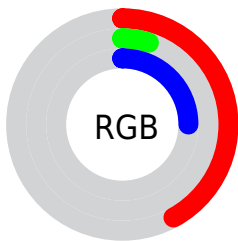
Format	Color
R_{YB}	108, 12, 65
Decimal	7081025
CIE _{Lab}	23.00, 43.66, -5.86
CIE _{LCh}	23, 44.054, 352.361
Yxy	3.8003, 0.4420, 0.2326
Android (android.graphics.Color)	4285271105 (0xFF6C0C41)
YUV	46.7460, 8.9992, 53.7198
Hunter-Lab	19.4944, 32.0041, -2.5217

Details

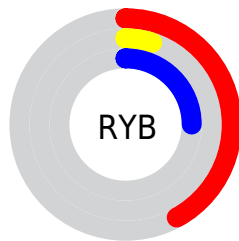
The CIELCh color **23, 44.054, 352.361** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **40, 44.939, 149.831**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 44.052, 352.162**, and **8, 28.842, 2.614** is the 20% darker color. If you saturate the color by 10%, you get **22, 45.727, 354.928**, and if you desaturate by 10%, it is **24, 41.700, 350.070**.

Distribution



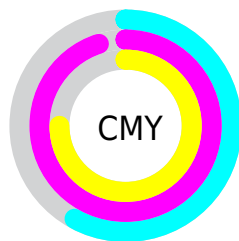
- Red (42%)
- Green (5%)
- Blue (25%)



- Red (42%)
- Yellow (5%)
- Blue (25%)



- Cyan (0%)
- Magenta (89%)
- Yellow (40%)
- Black (58%)





- Cyan (58%)
- Magenta (95%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 44.054, 352.361 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, 44.054, 352.361 by changing the saturation by 10% instead.

 23, 44.054,
352.361


 23, 44.054,
352.361

 100, 44.054,
352.361


 13, 44.054,
352.361


 43, 44.054,
352.361


 3, 44.054, 352.361

 53, 44.054,
352.361

 0, 44.054, 352.361

 63, 44.054,
352.361

 73, 44.054,
352.361

 83, 44.054,
352.361

 93, 44.054,

352.361

■ 23, 44.054,
352.361

■ 23, 44.054,
352.361

■ 22, 45.727,
354.928

■ 24, 41.700,
350.070

■ 22, 45.860,
355.109

■ 26, 38.177,
348.212

■ 28, 33.696,
346.678

■ 31, 28.524,
345.381

■ 33, 22.917,
344.258

■ 36, 17.088,
343.264

■ 39, 11.191,
342.367

■ 43, 5.336, 341.535

■ 46, 0.410, 161.440

Harmonies

Complementary

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



23, 44.054, 352.361



40, 44.939, 149.831

Rectangle

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



23, 44.054, 352.361



23, 44.054, 42.361



23, 44.054, 172.361



23, 44.054, 222.361

Sweetspot

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



23, 44.052, 352.362



48, 19.566, 343.121



16, 61.581, 310.947



23, 13.297, 343.355



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, 44.052, 352.362



30, 55.197, 356.154



22, 47.203, 31.551



21, 3.218, 341.509



24, 48.657, 355.469



53, 83.026, 357.758

Inverse Universe

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



23, 44.052, 352.362



30, 55.197, 356.154



41, 27.034, 187.912



21, 3.218, 341.509



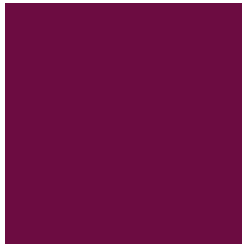
24, 48.657, 355.469



53, 83.026, 357.758

Previews

White Background



This preview shows how the CIE LCh color 23, 44.054, 352.361 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



This preview shows how the CIE LCh color 23, 44.054, 352.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

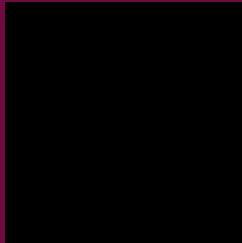
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 44.054, 352.361

Background



This preview shows how black text looks on a background with the CIELCh color 23, 44.054, 352.361.



This preview shows how white text looks on a background with the CIELCh color 23, 44.054, 352.361.

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, 44.054, 352.361

Protanopia

24, 23.336, 285.025

Deuteranopia

24, 3.816, 336.217



Tritanopia
23, 40.210, 29.713

Trichromacy



Original Color
23, 44.054, 352.361

Protanomaly
21, 29.300, 316.373

Deuteranomaly
22, 22.313, 344.552

Tritanomaly
23, 39.899, 15.513

Monochromacy



Original Color
23, 44.054, 352.361

Achromatopsia
19, 0.004, 296.813

Achromatomaly
18, 20.604, 344.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 44.054, 352.361 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(108, 12, 65)` looks like.

```
.text, #text, p{  
    color:rgb(108, 12, 65)  
}
```

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(108, 12, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 12, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 44.054, 352.361 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(108, 12, 65) }
```

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

```
.border{ border-color:rgb(108, 12, 65) }
```

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

Here you see how a box with a 4 pixel rgb(108, 12, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 12, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 12, 65);  
box-shadow:4px 4px 4px 4px rgb(108, 12,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 23, 44.054, 352.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 12, 65) }
```

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

```
.background{ background-color: rgb(108, 12,  
65) }
```

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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