

Converting Colors

CIELCh(23, 54.458, 335.034)

Have a look what the booklet for
CIELCh(23, 54.458, 335.034)
contains.

CIELCh(23, 54.161, 334.905)	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>	26

Color

CIELCh(23, 54.161, 334.905)

Conversions

Conversions Part 1

Format	Color
Hex	6A005A
RGB	106, 0, 90
RGB Percent	42%, 0%, 35%
CMY	0.5844, 1.0000, 0.6471
CMYK	0.00, 1.00, 0.15, 0.58
HSL	309°, 100%, 21%
HSV	309°, 100%, 42%
XYZ	7.7861, 3.8003, 9.9923
YIQ	41.9540, 34.2860, 50.4620

Conversions

Conversions Part 2

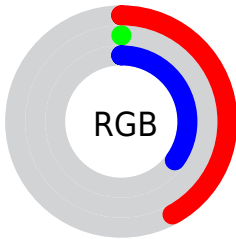
Format	Color
R_{YB}	106, 0, 90
Decimal	6946906
CIE _{Lab}	23.00, 49.05, -22.97
CIE _{LCh}	23, 54.161, 334.905
Yxy	3.8003, 0.3608, 0.1761
Android (android.graphics.Color)	4285136986 (0xFF6A005A)
YUV	41.9540, 23.6867, 56.1683
Hunter-Lab	19.4944, 37.1780, -16.7444

Details

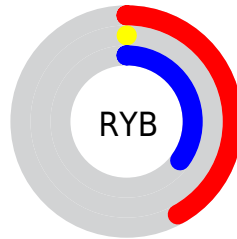
The CIELCh color **23, 54.161, 334.905** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **38, 59.255, 138.423**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **43, 53.827, 335.287**, and **9, 34.053, 336.468** is the 20% darker color. If you saturate the color by 10%, you get **23, 54.154, 334.905**, and if you desaturate by 10%, it is **24, 52.202, 334.259**.

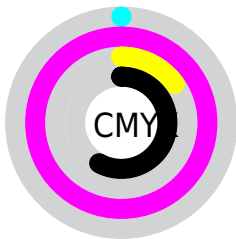
Distribution



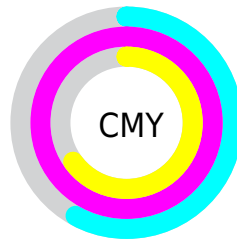
- Red (42%)
- Green (0%)
- Blue (35%)



- Red (42%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (58%)





- Cyan (58%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 54.161, 334.905 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, 54.161, 334.905 by changing the saturation by 10% instead.

 23, 54.161,
334.905


 23, 54.161,
334.905

 100, 54.161,
334.905


 13, 54.161,
334.905


 43, 54.161,
334.905


 3, 54.161, 334.905

 53, 54.161,
334.905

 0, 54.161, 334.905

 63, 54.161,
334.905

 73, 54.161,
334.905

 83, 54.161,
334.905

 93, 54.161,

334.905

■ 23, 54.161,
334.905

■ 23, 54.161,
334.905

■ 23, 54.154,
334.905

■ 24, 52.202,
334.259

■ 25, 49.550,
333.619

■ 26, 45.580,
333.002

■ 28, 40.489,
332.395

■ 31, 34.543,
331.791

■ 33, 28.011,
331.190

■ 36, 21.128,
330.591

■ 39, 14.083,
329.999

■ 42, 7.010, 329.409

Harmonies

Complementary

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



23, 54.161, 334.905



38, 59.255, 138.423

Rectangle

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



23, 54.161, 334.905



23, 54.161, 24.905



23, 54.161, 154.905



23, 54.161, 204.905

Sweetspot

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



23, 54.154, 334.905



46, 26.188, 330.641



10, 69.161, 307.195



22, 17.712, 330.822



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



23, 54.154, 334.905



31, 65.130, 335.121



21, 44.621, 13.374



21, 3.971, 329.348



26, 58.129, 334.994



56, 99.373, 335.462

Inverse Universe

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



23, 54.154, 334.905



31, 65.130, 335.121



39, 38.567, 159.366



21, 3.971, 329.348



26, 58.129, 334.994



56, 99.373, 335.462

Previews

White Background



This preview shows how the CIE LCh color 23, 54.161, 334.905 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, 54.161, 334.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

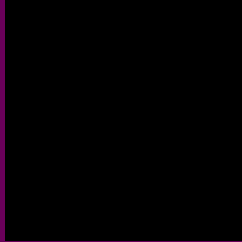
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 54.161, 334.905

Background



This preview shows how black text looks on a background with the CIELCh color 23, 54.161, 334.905.



This preview shows how white text looks on a background with the CIELCh color 23, 54.161, 334.905.

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, 54.161, 334.905

Deuteranopia

25, 17.346, 282.750

Tritanopia

24, 33.220, 25.731

Trichromacy



Original Color
23, 54.161, 334.905

Deuteranomaly
21, 34.615, 317.064

Tritanomaly
23, 38.201, 359.666

Monochromacy



Original Color
23, 54.161, 334.905

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 26.562, 332.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 54.161, 334.905 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(106, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(106, 0, 90)  
}
```

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(106, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 0, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 54.161, 334.905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

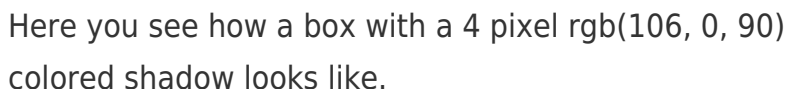
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 0, 90) }
```

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

```
.border{ border-color:rgb(106, 0, 90) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 0, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 0, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 0, 90);  
box-shadow:4px 4px 4px 4px rgb(106, 0, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 54.161, 334.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 0, 90) }
```

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

```
.background{ background-color: rgb(106, 0,  
90) }
```

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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