

Converting Colors

CIELCh(23, 58.552, 328.598)

Have a look what the booklet for
CIELCh(23, 58.552, 328.598)
contains.

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Color

CIELCh(23, 58.545, 328.604)

Conversions

Conversions Part 1

Format	Color
Hex	660165
RGB	102, 1, 101
RGB Percent	40%, 0%, 40%
CMY	0.5987, 0.9980, 0.6027
CMYK	0.00, 1.00, 0.01, 0.60
HSL	301°, 99%, 20%
HSV	301°, 100%, 40%
XYZ	7.8860, 3.8003, 12.7084
YIQ	42.5990, 28.0960, 52.5120

Conversions

Conversions Part 2

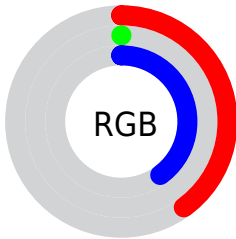
Format	Color
R_{YB}	102, 1, 101
Decimal	6685029
CIE _{Lab}	23.00, 49.97, -30.50
CIE _{LCh}	23, 58.545, 328.604
Yxy	3.8003, 0.3233, 0.1558
Android (android.graphics.Color)	4284875109 (0xFF660165)
YUV	42.5990, 28.7917, 52.0947
Hunter-Lab	19.4944, 38.0927, -25.0052

Details

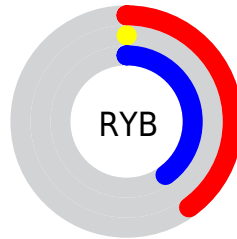
The CIELCh color **23, 58.545, 328.604** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **37, 60.864, 136.217**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **43, 57.957, 328.686**, and **9, 38.528, 326.987** is the 20% darker color. If you saturate the color by 10%, you get **23, 58.667, 328.613**, and if you desaturate by 10%, it is **24, 56.092, 328.434**.

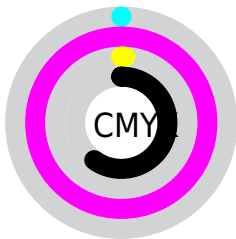
Distribution



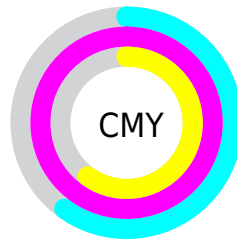
- Red (40%)
- Green (0%)
- Blue (40%)



- Red (40%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 58.545, 328.604 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, 58.545, 328.604 by changing the saturation by 10% instead.

 23, 58.545,
328.604

 23, 58.545,
328.604

 100, 58.545,
328.604

 13, 58.545,
328.604

 43, 58.545,
328.604

 3, 58.545, 328.604

 53, 58.545,
328.604

 0, 58.545, 328.604

 63, 58.545,
328.604

 73, 58.545,
328.604

 83, 58.545,
328.604

 93, 58.545,

328.604

■ 23, 58.545,
328.604

■ 23, 58.545,
328.604

■ 23, 58.667,
328.613

■ 24, 56.092,
328.434

■ 25, 52.934,
328.223

■ 26, 48.497,
327.937

■ 28, 42.960,
327.581

■ 30, 36.568,
327.167

■ 32, 29.580,
326.707

■ 35, 22.227,
326.216

■ 38, 14.698,
325.703

■ 41, 7.135, 325.176

Harmonies

Complementary

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



23, 58.545, 328.604



37, 60.864, 136.217

Rectangle

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



23, 58.545, 328.604



23, 58.545, 18.604



23, 58.545, 148.604



23, 58.545, 198.604

Sweetspot

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



23, 58.544, 328.604



45, 27.948, 326.283



9, 68.109, 306.198



21, 18.888, 326.429



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, 58.544, 328.604



31, 70.575, 328.623



20, 43.476, 359.332



20, 4.201, 325.144



26, 63.621, 328.618



57, 110.281, 328.641

Inverse Universe

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



23, 58.544, 328.604



31, 70.575, 328.623



38, 44.124, 150.620



20, 4.201, 325.144



26, 63.621, 328.618



57, 110.281, 328.641

Previews

White Background



This preview shows how the CIE LCh color 23, 58.545, 328.604 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, 58.545, 328.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

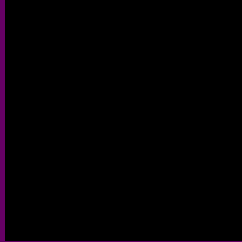
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 58.545, 328.604

Background



This preview shows how black text looks on a background with the CIELCh color 23, 58.545, 328.604.



This preview shows how white text looks on a background with the CIELCh color 23, 58.545, 328.604.

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, 58.295, 328.590

Protanopia

25, 41.838, 284.630

Deuteranopia

25, 24.362, 277.976



Tritanopia
24, 28.016, 23.541

Trichromacy



Original Color
23, 58.295, 328.590

Protanomaly
19, 51.657, 300.869

Deuteranomaly
21, 40.069, 308.245

Tritanomaly
23, 36.497, 350.486

Monochromacy



Original Color
23, 58.295, 328.590

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 28.867, 327.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 58.545, 328.604 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(102, 1, 101)` looks like.

```
.text, #text, p{  
    color:rgb(102, 1, 101)  
}
```

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(102, 1, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 1, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 58.545, 328.604 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(102, 1, 101) }
```

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

```
.border{ border-color:rgb(102, 1, 101) }
```

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

Here you see how a box with a 4 pixel rgb(102, 1, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 1, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 1, 101);  
box-shadow:4px 4px 4px 4px rgb(102, 1,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 23, 58.545, 328.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 1, 101) }
```

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

```
.background{ background-color: rgb(102, 1,  
101) }
```

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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