

Converting Colors

CIELCh(29, 23.429, 343.684)

Have a look what the booklet for
CIELCh(29, 23.429, 343.684)
contains.

CIELCh(29, 23.395, 343.642)	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>	27

Color

CIELCh(29, 23.395, 343.642)

Conversions

Conversions Part 1

Format	Color
Hex	61374F
RGB	97, 55, 79
RGB Percent	38%, 22%, 31%
CMY	0.6196, 0.7843, 0.6902
CMYK	0.00, 0.43, 0.19, 0.62
HSL	326°, 28%, 30%
HSV	326°, 43%, 38%
XYZ	7.7069, 5.8380, 8.1175
YIQ	70.2940, 17.3280, 16.3680

Conversions

Conversions Part 2

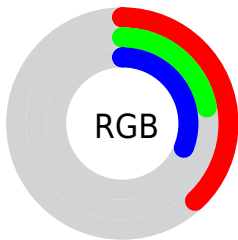
Format	Color
R_{YB}	97, 55, 79
Decimal	6371151
CIE Lab	29.00, 22.45, -6.59
CIE LCh	29, 23.395, 343.642
Yxy	5.8380, 0.3558, 0.2695
Android (android.graphics.Color)	4284561231 (0xFF61374F)
YUV	70.2940, 4.2921, 23.4212
Hunter-Lab	24.1619, 14.6527, -3.0058

Details

The CIELCh color **29, 23.395, 343.642** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **38, 22.681, 156.161**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 23.386, 344.038**, and **9, 23.261, 343.334** is the 20% darker color. If you saturate the color by 10%, you get **27, 28.465, 344.762**, and if you desaturate by 10%, it is **32, 18.050, 342.653**.

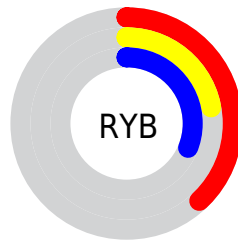
Distribution



Red (38%)

Green (22%)

Blue (31%)



Red (38%)

Yellow (22%)

Blue (31%)

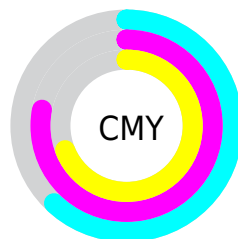


Cyan (0%)

Magenta (43%)

Yellow (19%)

Black (62%)



Cyan (62%)

Magenta (78%)

Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 23.395, 343.642 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 29, 23.395, 343.642 by changing the saturation by 10% instead.

 29, 23.395,
343.642

 29, 23.395,
343.642

 100, 23.395,
343.642


 19, 23.395,
343.642


 49, 23.395,
343.642

 9, 23.395, 343.642

 59, 23.395,
343.642

 0, 23.395, 343.642

 69, 23.395,
343.642

 79, 23.395,
343.642

 89, 23.395,
343.642

 99, 23.395,

343.642

■ 29, 23.395,
343.642

■ 29, 23.395,
343.642

■ 27, 28.465,
344.762

■ 32, 18.050,
342.653

■ 24, 33.057,
346.054

■ 34, 12.593,
341.761

■ 23, 36.930,
347.582

■ 37, 7.136, 340.939

■ 21, 39.850,
349.430

■ 40, 1.754, 340.100

■ 20, 41.752,
351.661

■ 43, 3.508, 159.606

■ 19, 42.995,
353.144

■ 49, 13.587,
158.326

■ 52, 18.391,
157.765

■ 55, 23.042,
157.241

Harmonies

Complementary

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



29, 23.395, 343.642



38, 22.681, 156.161

Rectangle

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



29, 23.395, 343.642



29, 23.395, 33.642



29, 23.395, 163.642



29, 23.395, 213.642

Sweetspot

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



29, 23.393, 343.643



48, 8.593, 340.946



27, 28.205, 308.425



24, 6.069, 341.076



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



29, 23.393, 343.643



35, 34.191, 344.787



28, 20.079, 17.135



18, 2.995, 340.588



23, 47.501, 353.754



52, 82.219, 356.035

Inverse Universe

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



29, 23.393, 343.643



35, 34.191, 344.787



38, 15.806, 189.526



18, 2.995, 340.588



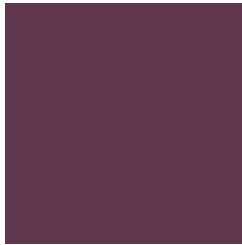
23, 47.501, 353.754



52, 82.219, 356.035

Previews

White Background



This preview shows how the CIE LCh color 29, 23.395, 343.642 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 29, 23.395, 343.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

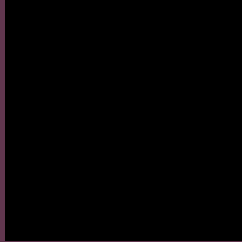
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 23.395, 343.642

Background



This preview shows how black text looks on a background with the CIELCh color 29, 23.395, 343.642.



This preview shows how white text looks on a background with the CIELCh color 29, 23.395, 343.642.

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

29, 23.395, 343.642

Protanopia

29, 12.919, 285.657

Deuteranopia

29, 6.814, 309.589



Tritanopia
29, 17.540, 12.481

Trichromacy



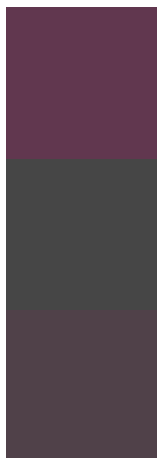
Original Color
29, 23.395, 343.642

Protanomaly
29, 15.238, 313.215

Deuteranomaly
29, 12.398, 330.618

Tritanomaly
29, 19.110, 359.899

Monochromacy



Original Color
29, 23.395, 343.642

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 8.397, 343.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 23.395, 343.642 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(97, 55, 79)` looks like.

```
.text, #text, p{  
    color:rgb(97, 55, 79)  
}
```

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(97, 55, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 55, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 23.395, 343.642 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(97, 55, 79) }
```

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

```
.border{ border-color:rgb(97, 55, 79) }
```

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

Here you see how a box with a 4 pixel rgb(97, 55, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 55, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 55, 79);  
box-shadow:4px 4px 4px 4px rgb(97, 55, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 23.395, 343.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 55, 79) }
```

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

```
.background{ background-color: rgb(97, 55,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor