

Converting Colors

CIELCh(39, 23.842, 95.997)

Have a look what the booklet for
CIELCh(39, 23.842, 95.997) contains.

CIELCh(39, 23.820, 95.929)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 23.820, 95.929)

Conversions

Conversions Part 1

Format	Color
Hex	655C35
RGB	101, 92, 53
RGB Percent	40%, 36%, 21%
CMY	0.6042, 0.6395, 0.7924
CMYK	0.00, 0.09, 0.48, 0.60
HSL	49°, 31%, 30%
HSV	49°, 48%, 40%
XYZ	9.8188, 10.6589, 4.8991
YIQ	90.2450, 17.8830, -10.2210

Conversions

Conversions Part 2

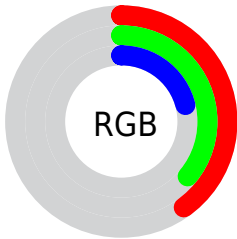
Format	Color
RYB	64, 101, 53
Decimal	6642741
CIELab	39.00, -2.46, 23.69
CIELCh	39, 23.820, 95.929
Yxy	10.6589, 0.3869, 0.4200
Android (android.graphics.Color)	4284832821 (0xFF655C35)
YUV	90.2450, -18.3618, 9.4321
Hunter-Lab	32.6480, -3.4506, 13.9566

Details

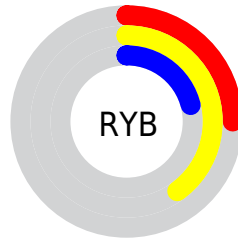
The CIELCh color **39, 23.820, 95.929** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **27, 25.416, 288.203**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 24.022, 95.948**, and **19, 23.769, 94.935** is the 20% darker color. If you saturate the color by 10%, you get **38, 28.633, 94.790**, and if you desaturate by 10%, it is **40, 18.859, 97.066**.

Distribution



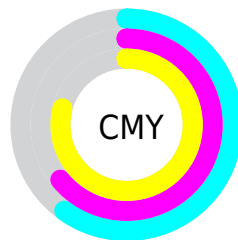
- Red (40%)
- Green (36%)
- Blue (21%)



- Red (25%)
- Yellow (40%)
- Blue (21%)



- Cyan (0%)
- Magenta (9%)
- Yellow (48%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 23.820, 95.929 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 39, 23.820, 95.929 by changing the saturation by 10% instead.

■ 39, 23.820, 95.929

■ 39, 23.820, 95.929

■ 100, 23.820,
95.929

■ 29, 23.820, 95.929

■ 59, 23.820, 95.929

■ 19, 23.820, 95.929

■ 69, 23.820, 95.929

■ 9, 23.820, 95.929

■ 79, 23.820, 95.929

■ 0, 23.820, 95.929

■ 89, 23.820, 95.929

■ 99, 23.820, 95.929

■ 39, 23.820, 95.929

■ 39, 23.820, 95.929

■ 38, 28.633, 94.790

■ 40, 18.859, 97.066

■ 38, 33.159, 93.640

■ 41, 13.833, 98.185

■ 37, 37.186, 92.481

■ 41, 8.793, 99.280

■ 36, 40.417, 91.296

■ 42, 3.769, 100.337

■ 36, 43.034, 90.111

■ 43, 1.223, 281.475

■ 36, 43.753, 89.841

■ 44, 6.175, 282.418

■ 45, 11.081,
283.374

■ 46, 15.940,
284.293

■ 47, 20.752,
285.170

Harmonies

Complementary

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



39, 23.820, 95.929



27, 25.416, 288.203

Rectangle

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



39, 23.820, 95.929



39, 23.820, 145.929



39, 23.820, 275.929



39, 23.820, 325.929

Sweetspot

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



39, 23.821, 95.933



53, 8.630, 99.619



29, 22.934, 9.056



27, 6.008, 99.449



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 23.821, 95.933



49, 34.893, 94.669



40, 28.979, 119.257



21, 2.828, 100.195



40, 47.854, 89.618



81, 82.552, 88.685

Inverse Universe

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



27, 25.416, 288.203



31, 38.209, 290.629



26, 31.892, 305.095



19, 2.860, 282.150



14, 63.404, 301.721



35, 115.671, 303.249

Previews

White Background



This preview shows how the CIELCh color 39, 23.820, 95.929 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 × Fail

Black Background



This preview shows how the CIELCh color 39, 23.820, 95.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

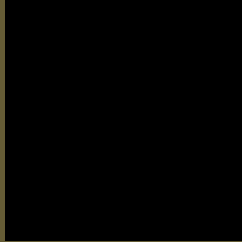
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 23.820, 95.929

Background



This preview shows how black text looks on a background with the CIELCh color 39, 23.820, 95.929.



This preview shows how white text looks on a background with the CIELCh color 39, 23.820, 95.929.

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


39, 23.820, 95.929

Protanopia

39, 23.820, 95.929

Deuteranopia

39, 23.947, 77.570



Tritanopia
39, 8.782, 351.608

Trichromacy



Original Color
39, 23.820, 95.929

Protanomaly
39, 23.820, 95.929

Deuteranomaly
39, 23.251, 83.341

Tritanomaly
39, 9.145, 61.592

Monochromacy



Original Color
39, 23.820, 95.929

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 8.641, 99.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 23.820, 95.929 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(101, 92, 53)` looks like.

```
.text, #text, p{  
    color:rgb(101, 92, 53)  
}
```

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(101, 92, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 92, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 23.820, 95.929 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(101, 92, 53) }
```

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

```
.border{ border-color:rgb(101, 92, 53) }
```

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

Here you see how a box with a 4 pixel rgb(101, 92, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 92, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 92, 53);  
box-shadow:4px 4px 4px 4px rgb(101, 92,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 23.820, 95.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 92, 53) }
```

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

```
.background{ background-color: rgb(101, 92,  
53) }
```

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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