

Converting Colors

CIELCh(39, 53.888, 43.632)

Have a look what the booklet for
CIELCh(39, 53.888, 43.632) contains.

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Color

CIELCh(39, 53.936, 44.003)

Conversions

Conversions Part 1

Format	Color
Hex	9E3D20
RGB	158, 61, 32
RGB Percent	62%, 24%, 13%
CMY	0.3814, 0.7616, 0.8753
CMYK	0.00, 0.61, 0.80, 0.38
HSL	14°, 66%, 37%
HSV	14°, 80%, 62%
XYZ	15.9632, 10.6589, 2.5684
YIQ	86.6970, 67.1210, 11.5450

Conversions

Conversions Part 2

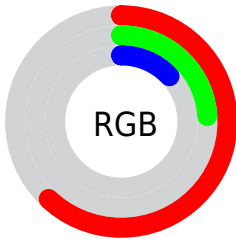
Format	Color
R_{YB}	158, 70, 32
Decimal	10370336
CIE _{Lab}	39.00, 38.80, 37.47
CIE _{LCh}	39, 53.936, 44.003
Yxy	10.6589, 0.5469, 0.3652
Android (android.graphics.Color)	4288560416 (0xFF9E3D20)
YUV	86.6970, -26.9656, 62.5327
Hunter-Lab	32.6480, 30.1432, 18.1893

Details

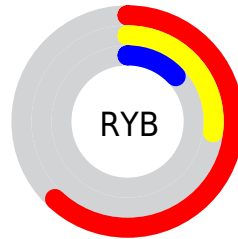
The CIELCh color **39, 53.936, 44.003** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **50, 28.741, 234.049**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 53.920, 44.132**, and **19, 49.035, 36.829** is the 20% darker color. If you saturate the color by 10%, you get **37, 61.412, 44.457**, and if you desaturate by 10%, it is **42, 45.961, 43.376**.

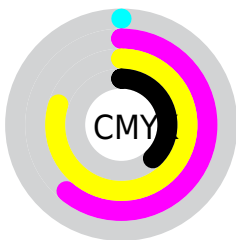
Distribution



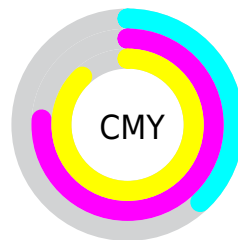
- Red (62%)
- Green (24%)
- Blue (13%)



- Red (62%)
- Yellow (27%)
- Blue (13%)



- Cyan (0%)
- Magenta (61%)
- Yellow (80%)
- Black (38%)



- Cyan (38%)
- Magenta (76%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 53.936, 44.003 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, 53.936, 44.003 by changing the saturation by 10% instead.

■ 39, 53.936, 44.003

■ 39, 53.936, 44.003

■ 100, 53.936,
44.003

■ 29, 53.936, 44.003

■ 59, 53.936, 44.003

■ 19, 53.936, 44.003

■ 69, 53.936, 44.003

■ 9, 53.936, 44.003

■ 79, 53.936, 44.003

■ 0, 53.936, 44.003

■ 89, 53.936, 44.003

■ 99, 53.936, 44.003

■ 39, 53.936, 44.003

■ 39, 53.936, 44.003

■ 37, 61.412, 44.457

■ 42, 45.961, 43.376

35, 67.955, 44.796

44, 38.076, 42.839

35, 68.064, 44.813

47, 30.540, 42.481

51, 23.462, 42.309

54, 16.875, 42.301

58, 10.775, 42.422

61, 5.135, 42.620

65, 0.084, 228.378

69, 4.923, 223.509

Harmonies

Complementary

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



39, 53.936, 44.003



50, 28.741, 234.049

Rectangle

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



39, 53.936, 44.003



39, 53.936, 94.003



39, 53.936, 224.003



39, 53.936, 274.003

Sweetspot

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



39, 53.934, 44.006



71, 16.376, 42.352



38, 64.331, 336.902



36, 11.375, 42.317



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



39, 53.934, 44.006



46, 80.214, 44.313



53, 51.342, 84.329



32, 2.950, 42.632



32, 62.852, 44.839



2, 3.756, 41.610

Inverse Universe

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



50, 28.741, 234.049



61, 37.478, 240.701



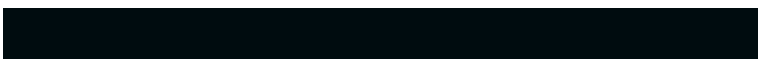
31, 56.916, 292.236



32, 2.794, 223.507



43, 29.013, 241.070



3, 3.692, 227.174

Previews

White Background



This preview shows how the CIELCh color 39, 53.936, 44.003 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, 53.936, 44.003 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, 53.936, 44.003

Background



This preview shows how black text looks on a background with the CIELCh color 39, 53.936, 44.003.



This preview shows how white text looks on a background with the CIELCh color 39, 53.936, 44.003.

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, 53.936, 44.003

Protanopia

39, 31.006, 96.153

Deuteranopia

39, 40.201, 82.514



Tritanopia
39, 46.939, 26.076

Trichromacy



Original Color
39, 53.936, 44.003

Protanomaly
38, 34.404, 67.568

Deuteranomaly
39, 42.745, 64.474

Tritanomaly
39, 49.267, 33.707

Monochromacy



Original Color
39, 53.936, 44.003

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 18.182, 43.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 53.936, 44.003 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(158, 61, 32)` looks like.

```
.text, #text, p{  
    color:rgb(158, 61, 32)  
}
```

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(158, 61, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 61, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 53.936, 44.003 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(158, 61, 32) }
```

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

```
.border{ border-color:rgb(158, 61, 32) }
```

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

Here you see how a box with a 4 pixel rgb(158, 61, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 61, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 61, 32);  
box-shadow:4px 4px 4px 4px rgb(158, 61,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 53.936, 44.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 61, 32) }
```

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

```
.background{ background-color: rgb(158, 61,  
32) }
```

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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