

Converting Colors

CIELCh(39, 21.946, 106.690)

Have a look what the booklet for
CIELCh(39, 21.946, 106.690)
contains.

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Color

CIELCh(39, 22.164, 106.663)

Conversions

Conversions Part 1

Format	Color
Hex	5E5E39
RGB	94, 94, 57
RGB Percent	37%, 37%, 22%
CMY	0.6317, 0.6317, 0.7768
CMYK	0.00, 0.00, 0.39, 0.63
HSL	60°, 25%, 30%
HSV	60°, 39%, 37%
XYZ	9.3379, 10.6589, 5.4250
YIQ	89.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

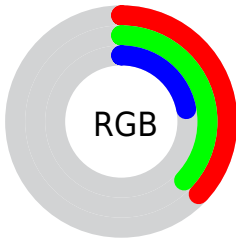
Format	Color
R_{YB}	57, 94, 57
Decimal	6184505
CIE Lab	39.00, -6.36, 21.23
CIE LCh	39, 22.164, 106.663
Yxy	10.6589, 0.3673, 0.4193
Android (android.graphics.Color)	4284374585 (0xFF5E5E39)
YUV	89.7820, -16.1615, 3.6992
Hunter-Lab	32.6480, -6.0801, 13.0016

Details

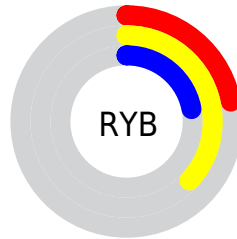
The CIELCh color $39, 22.164, 106.663$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $26, 24.312, 294.946$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 21.825, 106.517$, and $19, 21.861, 106.256$ is the 20% darker color. If you saturate the color by 10%, you get $39, 27.480, 105.817$, and if you desaturate by 10%, it is $39, 16.661, 107.549$.

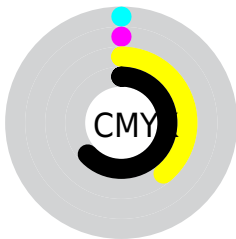
Distribution



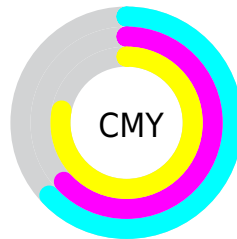
- Red (37%)
- Green (37%)
- Blue (22%)



- Red (22%)
- Yellow (37%)
- Blue (22%)



- Cyan (0%)
- Magenta (0%)
- Yellow (39%)
- Black (63%)




- Cyan (63%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 22.164, 106.663 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, 22.164, 106.663 by changing the saturation by 10% instead.

 39, 22.164,
106.663


 39, 22.164,
106.663

 100, 22.164,
106.663

 29, 22.164,
106.663

 59, 22.164,
106.663

 19, 22.164,
106.663

 69, 22.164,
106.663

 9, 22.164, 106.663

 79, 22.164,
106.663

 0, 22.164, 106.663

 89, 22.164,
106.663

 99, 22.164,
106.663

■ 39, 22.164,
106.663

■ 39, 22.164,
106.663

■ 39, 27.480,
105.817

■ 39, 16.661,
107.549

■ 39, 32.495,
105.023

■ 39, 11.043,
108.446

■ 39, 37.050,
104.312

■ 40, 5.361, 109.341

■ 39, 40.934,
103.717

■ 40, 0.352, 290.342

■ 40, 6.073, 291.113

■ 39, 43.912,
103.269

■ 41, 11.786,
291.954

■ 38, 46.508,
102.884

■ 41, 17.482,
292.766

■ 38, 46.674,
102.860

■ 41, 23.151,
293.545

■ 42, 28.787,
294.287

Harmonies

Complementary

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



39, 22.164, 106.663



26, 24.312, 294.946

Rectangle

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



39, 22.164, 106.663



39, 22.164, 156.663



39, 22.164, 286.663



39, 22.164, 336.663

Sweetspot

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



39, 22.165, 106.666



51, 8.513, 109.076



28, 17.834, 22.783



26, 5.593, 109.012



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



39, 22.165, 106.666



50, 32.560, 105.894



37, 23.853, 127.357



19, 3.137, 109.394



45, 52.043, 102.860



91, 91.731, 102.860

Inverse Universe

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



26, 24.312, 294.946



30, 36.730, 296.481



27, 25.130, 310.884



17, 3.199, 291.021



10, 71.861, 306.288



30, 126.664, 306.287

Previews

White Background



This preview shows how the CIELCh color 39, 22.164, 106.663 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, 22.164, 106.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

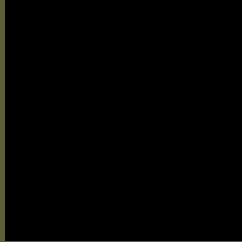
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 22.164, 106.663

Background



This preview shows how black text looks on a background with the CIELCh color 39, 22.164, 106.663.



This preview shows how white text looks on a background with the CIELCh color 39, 22.164, 106.663.

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, 22.164, 106.663

Protanopia

39, 22.014, 96.694

Deuteranopia

39, 21.569, 76.230



Tritanopia
39, 5.735, 331.826

Trichromacy



Original Color
39, 22.164, 106.663

Protanomaly
39, 22.335, 100.513

Deuteranomaly
39, 20.758, 86.765

Tritanomaly
39, 6.090, 83.556

Monochromacy



Original Color
39, 22.164, 106.663

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 7.936, 108.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 22.164, 106.663 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(94, 94, 57)` looks like.

```
.text, #text, p{  
    color:rgb(94, 94, 57)  
}
```

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(94, 94, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 94, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 22.164, 106.663 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(94, 94, 57) }
```

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

```
.border{ border-color:rgb(94, 94, 57) }
```

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

Here you see how a box with a 4 pixel rgb(94, 94, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 94, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 94, 57);  
box-shadow:4px 4px 4px 4px rgb(94, 94, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 22.164, 106.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 94, 57) }
```

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

```
.background{ background-color: rgb(94, 94,  
57) }
```

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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