

Converting Colors

CIELCh(39, 8.034, 194.085)

Have a look what the booklet for
CIELCh(39, 8.034, 194.085) contains.

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Color

CIELCh(39, 8.009, 194.005)

Conversions

Conversions Part 1

Format	Color
Hex	4C605F
RGB	76, 96, 95
RGB Percent	30%, 38%, 37%
CMY	0.7031, 0.6247, 0.6286
CMYK	0.21, 0.00, 0.01, 0.62
HSL	177°, 12%, 34%
HSV	177°, 21%, 38%
XYZ	9.1670, 10.6589, 12.3321
YIQ	89.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

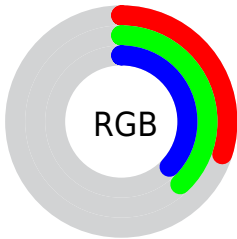
Format	Color
R_{YB}	76, 86, 96
Decimal	5005407
CIE Lab	39.00, -7.77, -1.94
CIE LCh	39, 8.009, 194.005
Yxy	10.6589, 0.2851, 0.3315
Android (android.graphics.Color)	4283195487 (0xFF4C605F)
YUV	89.9060, 2.5113, -12.1956
Hunter-Lab	32.6480, -7.0141, 0.4581

Details

The CIELCh color **39, 8.009, 194.005** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **34, 8.988, 16.840**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 8.357, 190.841**, and **19, 8.154, 192.964** is the 20% darker color. If you saturate the color by 10%, you get **38, 11.501, 193.389**, and if you desaturate by 10%, it is **40, 4.276, 194.645**.

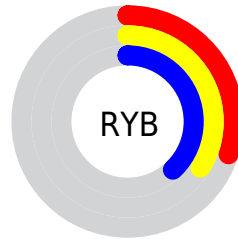
Distribution



Red (30%)

Green (38%)

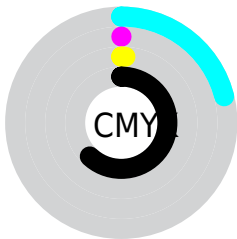
Blue (37%)



Red (30%)

Yellow (34%)

Blue (38%)

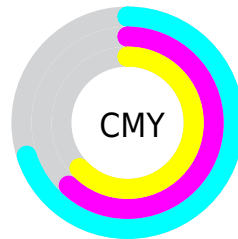


Cyan (21%)

Magenta (0%)

Yellow (1%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 8.009, 194.005 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, 8.009, 194.005 by changing the saturation by 10% instead.

■ 39, 8.009, 194.005

■ 39, 8.009, 194.005

■ 100, 8.009,
194.005

■ 29, 8.009, 194.005

■ 59, 8.009, 194.005

■ 19, 8.009, 194.005

■ 69, 8.009, 194.005

■ 9, 8.009, 194.005

■ 79, 8.009, 194.005

■ 0, 8.009, 194.005

■ 89, 8.009, 194.005

■ 99, 8.009, 194.005

■ 39, 8.009, 194.005

■ 39, 8.009, 194.005

■ 38, 11.501,
193.389

■ 40, 4.276, 194.645

38, 14.695,
192.798

41, 0.355, 196.092

37, 17.533,
192.222

41, 3.703, 15.737

37, 19.967,
191.656

42, 7.854, 16.418

37, 21.961,
191.095

44, 16.298, 17.716

36, 23.495,
190.530

46, 20.538, 18.355

36, 24.578,
189.952

47, 24.762, 18.986

36, 25.426,
189.438

48, 28.959, 19.607

Harmonies

Complementary

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



39, 8.009, 194.005



34, 8.988, 16.840

Rectangle

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



39, 8.009, 194.005



39, 8.009, 244.005



39, 8.009, 14.005



39, 8.009, 64.005

Sweetspot

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



39, 8.009, 193.999



52, 2.961, 194.992



39, 14.666, 141.518



27, 1.978, 194.960



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



39, 8.009, 193.999



50, 11.775, 193.698



36, 6.893, 250.461



20, 2.234, 194.785



42, 28.463, 189.311



86, 49.898, 188.885

Inverse Universe

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



34, 8.988, 16.840



43, 13.609, 17.339



37, 7.413, 65.700



18, 2.342, 15.775



22, 53.611, 35.120



50, 97.841, 38.539

Previews

White Background



This preview shows how the CIE LCh color 39, 8.009, 194.005 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 CIE LCh color 39, 8.009, 194.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

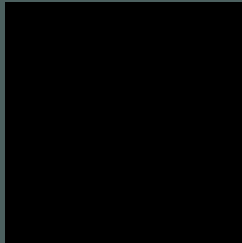
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

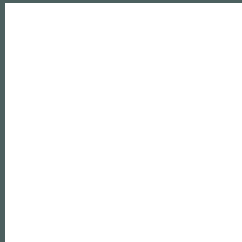
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 8.009, 194.005

Background



This preview shows how black text looks on a background with the CIELCh color 39, 8.009, 194.005.



This preview shows how white text looks on a background with the CIELCh color 39, 8.009, 194.005.

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

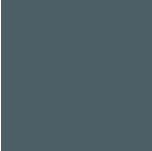
39, 8.009, 194.005

Protanopia

39, 1.051, 343.591

Deuteranopia

39, 5.735, 331.826



Tritanopia
39, 8.059, 230.961

Trichromacy



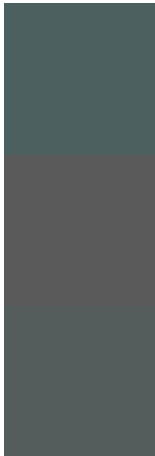
Original Color
39, 8.009, 194.005

Protanomaly
39, 2.483, 199.204

Deuteranomaly
39, 3.089, 283.018

Tritanomaly
39, 7.406, 218.009

Monochromacy



Original Color
39, 8.009, 194.005

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 2.895, 199.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 8.009, 194.005 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(76, 96, 95)` looks like.

```
.text, #text, p{  
    color:rgb(76, 96, 95)  
}
```

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(76, 96, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 96, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 8.009, 194.005 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(76, 96, 95) }
```

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

```
.border{ border-color:rgb(76, 96, 95) }
```

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

Here you see how a box with a 4 pixel rgb(76, 96, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 96, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 96, 95);  
box-shadow:4px 4px 4px 4px rgb(76, 96, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 8.009, 194.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 96, 95) }
```

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

```
.background{ background-color: rgb(76, 96,  
95) }
```

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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