

Converting Colors

CIELCh(39, 7.987, 211.156)

Have a look what the booklet for
CIELCh(39, 7.987, 211.156) contains.

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Color

CIELCh(39, 7.993, 211.849)

Conversions

Conversions Part 1

Format	Color
Hex	4B5F62
RGB	75, 95, 98
RGB Percent	29%, 37%, 38%
CMY	0.7043, 0.6259, 0.6141
CMYK	0.23, 0.03, 0.00, 0.61
HSL	188°, 13%, 34%
HSV	188°, 23%, 39%
XYZ	9.2852, 10.6589, 13.2243
YIQ	89.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

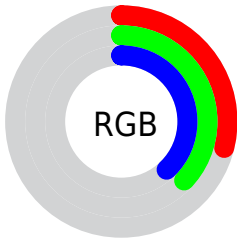
Format	Color
R_{YB}	75, 86, 98
Decimal	4939618
CIE Lab	39.00, -6.79, -4.22
CIE LCh	39, 7.993, 211.849
Yxy	10.6589, 0.2799, 0.3214
Android (android.graphics.Color)	4283129698 (0xFF4B5F62)
YUV	89.3620, 4.2585, -12.5955
Hunter-Lab	32.6480, -6.3679, -1.1622

Details

The CIELCh color **39, 7.993, 211.849** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 9.282, 32.171**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 8.034, 215.224**, and **19, 8.029, 212.938** is the 20% darker color. If you saturate the color by 10%, you get **38, 11.025, 212.042**, and if you desaturate by 10%, it is **40, 4.709, 211.782**.

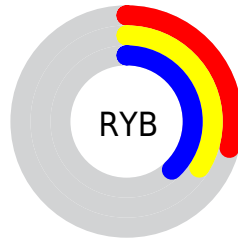
Distribution



Red (29%)

Green (37%)

Blue (38%)



Red (29%)

Yellow (34%)

Blue (38%)

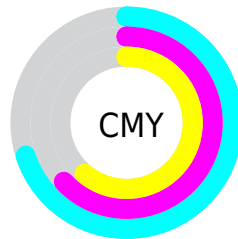


Cyan (23%)

Magenta (3%)

Yellow (0%)

Black (61%)



Cyan (70%)

Magenta (63%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 7.993, 211.849 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, 7.993, 211.849 by changing the saturation by 10% instead.

■ 39, 7.993, 211.849

■ 39, 7.993, 211.849

■ 100, 7.993,
211.849

■ 29, 7.993, 211.849

■ 59, 7.993, 211.849

■ 19, 7.993, 211.849

■ 69, 7.993, 211.849

■ 9, 7.993, 211.849

■ 79, 7.993, 211.849

■ 0, 7.993, 211.849

■ 89, 7.993, 211.849

■ 99, 7.993, 211.849

■ 39, 7.993, 211.849

■ 39, 7.993, 211.849

■ 38, 11.025,
212.042

■ 40, 4.709, 211.782

37, 13.754,
212.399

41, 1.220, 211.991

36, 16.128,
212.942

43, 2.429, 31.668

44, 6.200, 31.896

35, 18.105,
213.710

45, 10.060, 32.108

35, 19.653,
214.744

47, 13.983, 32.342

48, 17.946, 32.597

34, 20.758,
216.091

50, 21.931, 32.868

33, 21.463,
217.762

51, 25.925, 33.150

33, 21.891,
218.870

Harmonies

Complementary

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



39, 7.993, 211.849



35, 9.282, 32.171

Rectangle

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



39, 7.993, 211.849



39, 7.993, 261.849



39, 7.993, 31.849



39, 7.993, 81.849

Sweetspot

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



39, 7.993, 211.842



52, 3.094, 211.835



39, 15.842, 146.304



26, 1.992, 211.830



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, 7.993, 211.842



49, 11.632, 211.933



36, 9.379, 270.144



19, 1.970, 211.810



38, 23.991, 219.271



77, 41.797, 220.922

Inverse Universe

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



35, 15.722, 329.503



44, 23.289, 329.815



39, 9.557, 84.092



18, 3.702, 328.670



25, 57.211, 333.912



55, 99.407, 334.322

Previews

White Background



This preview shows how the CIELCh color 39, 7.993, 211.849 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, 7.993, 211.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

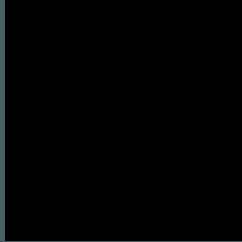
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

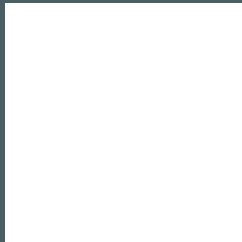
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 7.993, 211.849

Background



This preview shows how black text looks on a background with the CIELCh color 39, 7.993, 211.849.



This preview shows how white text looks on a background with the CIELCh color 39, 7.993, 211.849.

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

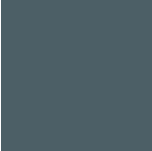
39, 7.993, 211.849

Protanopia

39, 3.101, 298.325

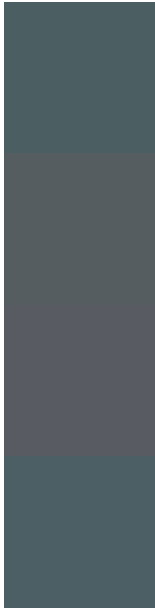
Deuteranopia

39, 7.542, 317.009



Tritanopia
39, 8.367, 229.607

Trichromacy



Original Color

39, 7.993, 211.849

Protanomaly

39, 3.710, 240.592

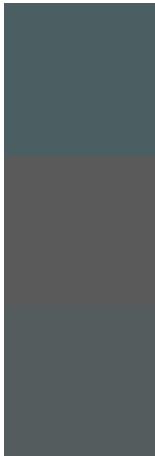
Deuteranomaly

39, 4.958, 281.548

Tritanomaly

39, 8.122, 225.639

Monochromacy



Original Color

39, 7.993, 211.849

Achromatopsia

38, 0.005, 296.813

Achromatomaly

39, 2.936, 211.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 7.993, 211.849 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(75, 95, 98)` looks like.

```
.text, #text, p{  
    color:rgb(75, 95, 98)  
}
```

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(75, 95, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 95, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 7.993, 211.849 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(75, 95, 98) }
```

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

```
.border{ border-color:rgb(75, 95, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 95, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 95, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 95, 98);  
box-shadow:4px 4px 4px 4px rgb(75, 95, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 7.993, 211.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 95, 98) }
```

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

```
.background{ background-color: rgb(75, 95,  
98) }
```

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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