

Converting Colors

CIELCh(39, 6.821, 263.555)

Have a look what the booklet for
CIELCh(39, 6.821, 263.555) contains.

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Color

CIELCh(39, 6.810, 263.533)

Conversions

Conversions Part 1

Format	Color
Hex	555D67
RGB	85, 93, 103
RGB Percent	33%, 36%, 40%
CMY	0.6680, 0.6366, 0.5974
CMYK	0.18, 0.10, 0.00, 0.60
HSL	213°, 10%, 37%
HSV	213°, 18%, 40%
XYZ	10.0330, 10.6589, 14.2718
YIQ	91.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

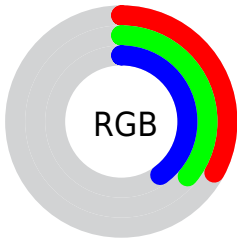
Format	Color
RYB	85, 91, 103
Decimal	5594471
CIELab	39.00, -0.77, -6.77
CIElCh	39, 6.810, 263.533
Yxy	10.6589, 0.2870, 0.3049
Android (android.graphics.Color)	4283784551 (0xFF555D67)
YUV	91.7480, 5.5472, -5.9180
Hunter-Lab	32.6480, -2.2797, -3.0644

Details

The CIELCh color **39, 6.810, 263.533** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 7.001, 79.057**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 6.844, 265.139**, and **19, 6.754, 265.578** is the 20% darker color. If you saturate the color by 10%, you get **36, 10.687, 265.149**, and if you desaturate by 10%, it is **42, 2.926, 262.163**.

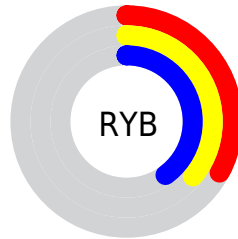
Distribution



Red (33%)

Green (36%)

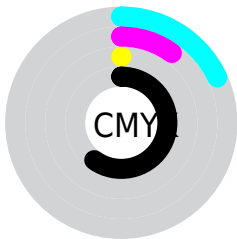
Blue (40%)



Red (33%)

Yellow (36%)

Blue (40%)

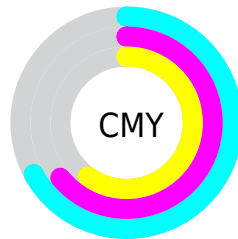


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (60%)



Cyan (67%)

Magenta (64%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 6.810, 263.533 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, 6.810, 263.533 by changing the saturation by 10% instead.

■ 39, 6.810, 263.533

■ 39, 6.810, 263.533

■ 100, 6.810,
263.533

■ 29, 6.810, 263.533

■ 59, 6.810, 263.533

■ 19, 6.810, 263.533

■ 69, 6.810, 263.533

■ 9, 6.810, 263.533

■ 79, 6.810, 263.533

■ 0, 6.810, 263.533

■ 89, 6.810, 263.533

■ 99, 6.810, 263.533

■ 39, 6.810, 263.533

■ 39, 6.810, 263.533

■ 36, 10.687,
265.149

■ 42, 2.926, 262.163

■ 34, 14.551,
267.053

■ 44, 0.955, 80.679

■ 31, 18.401,
269.280

■ 47, 4.827, 79.800

■ 49, 8.681, 78.907

■ 29, 22.238,
271.871

■ 52, 12.510, 78.115

■ 27, 26.078,
274.853

■ 54, 16.310, 77.413

■ 57, 20.076, 76.788

■ 24, 29.946,
278.228

■ 59, 23.805, 76.229

■ 22, 33.877,
281.947

■ 62, 27.493, 75.725

■ 20, 37.929,
285.669

■ 20, 38.962,
286.497

Harmonies

Complementary

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



39, 6.810, 263.533



41, 7.001, 79.057

Rectangle

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



39, 6.810, 263.533



39, 6.810, 313.533



39, 6.810, 83.533



39, 6.810, 133.533

Sweetspot

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



39, 6.809, 263.526



54, 2.401, 261.891



42, 8.905, 164.993



27, 1.624, 261.944



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, 6.809, 263.526



49, 10.066, 264.154



37, 11.166, 293.788



20, 2.171, 262.335



22, 42.717, 287.098



48, 78.817, 289.801

Inverse Universe

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



38, 9.109, 348.222



47, 13.528, 348.618



43, 10.755, 110.688



19, 2.872, 347.423



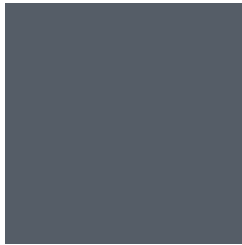
23, 46.845, 5.115



52, 81.245, 8.255

Previews

White Background



This preview shows how the CIE LCh color 39, 6.810, 263.533 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, 6.810, 263.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

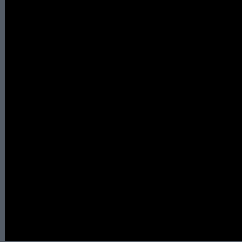
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

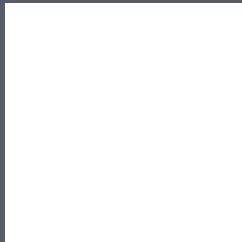
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 6.810, 263.533

Background



This preview shows how black text looks on a background with the CIELCh color 39, 6.810, 263.533.



This preview shows how white text looks on a background with the CIELCh color 39, 6.810, 263.533.

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, 6.810, 263.533

Protanopia

39, 6.748, 287.827

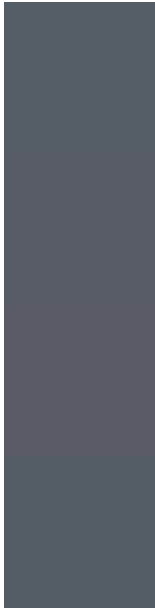
Deuteranopia

39, 8.966, 307.160



Tritanopia
39, 5.518, 250.303

Trichromacy



Original Color
39, 6.810, 263.533

Protanomaly
39, 6.294, 276.445

Deuteranomaly
39, 7.998, 294.288

Tritanomaly
39, 5.985, 254.312

Monochromacy



Original Color
39, 6.810, 263.533

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 2.199, 256.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 6.810, 263.533 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(85, 93, 103)` looks like.

```
.text, #text, p{  
    color:rgb(85, 93, 103)  
}
```

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(85, 93, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 93, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 6.810, 263.533 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(85, 93, 103) }
```

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

```
.border{ border-color:rgb(85, 93, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 93, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 93, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 93, 103);  
box-shadow:4px 4px 4px 4px rgb(85, 93,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 6.810, 263.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 93, 103) }
```

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

```
.background{ background-color: rgb(85, 93,  
103) }
```

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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