

Converting Colors

CIELCh(39, 3.533, 256.753)

Have a look what the booklet for
CIELCh(39, 3.533, 256.753) contains.

CIELCh(39, 3.443, 262.386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 3.443, 262.386)

Conversions

Conversions Part 1

Format	Color
Hex	585C61
RGB	88, 92, 97
RGB Percent	35%, 36%, 38%
CMY	0.6538, 0.6381, 0.6185
CMYK	0.09, 0.05, 0.00, 0.62
HSL	213°, 5%, 36%
HSV	213°, 9%, 38%
XYZ	10.0726, 10.6589, 12.9044
YIQ	91.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

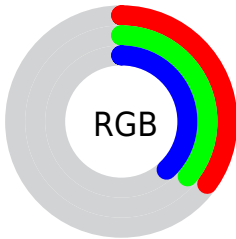
Format	Color
R_{YB}	88, 91, 97
Decimal	5790817
CIE _{Lab}	39.00, -0.46, -3.41
CIE _{LCh}	39, 3.443, 262.386
Yxy	10.6589, 0.2995, 0.3169
Android (android.graphics.Color)	4283980897 (0xFF585C61)
YUV	91.3740, 2.7736, -2.9590
Hunter-Lab	32.6480, -2.0629, -0.5812

Details

The CIELCh color $39, 3.443, 262.386$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40, 3.485, 80.034$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 3.703, 266.339$, and $19, 3.657, 269.469$ is the 20% darker color. If you saturate the color by 10%, you get $37, 7.157, 263.768$, and if you desaturate by 10%, it is $41, 0.271, 80.376$.

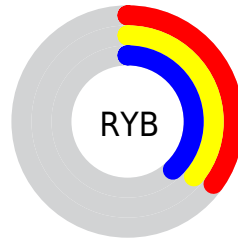
Distribution



Red (35%)

Green (36%)

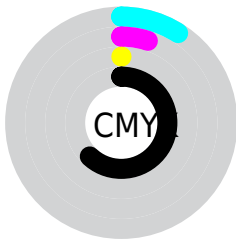
Blue (38%)



Red (35%)

Yellow (36%)

Blue (38%)

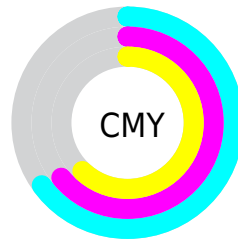


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (62%)



Cyan (65%)

Magenta (64%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 3.443, 262.386 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, 3.443, 262.386 by changing the saturation by 10% instead.

■ 39, 3.443, 262.386

■ 39, 3.443, 262.386

■ 100, 3.443,
262.386

■ 29, 3.443, 262.386

■ 59, 3.443, 262.386

■ 19, 3.443, 262.386

■ 69, 3.443, 262.386

■ 9, 3.443, 262.386

■ 79, 3.443, 262.386

■ 0, 3.443, 262.386

■ 89, 3.443, 262.386

■ 99, 3.443, 262.386

■ 39, 3.443, 262.386

■ 39, 3.443, 262.386

■ 37, 7.157, 263.768

■ 41, 0.271, 80.376

■ 34, 10.864,
265.422

■ 44, 3.977, 79.970

■ 32, 14.559,
267.359

■ 46, 7.667, 79.066

■ 29, 18.239,
269.620

■ 49, 11.335, 78.260

■ 27, 21.909,
272.246

■ 51, 14.976, 77.546

■ 25, 25.584,
275.261

■ 54, 18.585, 76.911

■ 23, 29.289,
278.660

■ 56, 22.160, 76.342

■ 21, 33.058,
282.388

■ 58, 25.696, 75.831

■ 19, 36.964,
285.942

■ 61, 29.194, 75.368

Harmonies

Complementary

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



39, 3.443, 262.386



40, 3.485, 80.034

Rectangle

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



39, 3.443, 262.386



39, 3.443, 312.386



39, 3.443, 82.386



39, 3.443, 132.386

Sweetspot

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



39, 3.442, 262.370



52, 1.397, 261.701



40, 4.505, 165.747



26, 1.049, 261.752



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, 3.442, 262.370



50, 5.109, 262.639



38, 5.556, 292.957



19, 2.079, 262.321



22, 41.931, 286.981



48, 78.139, 289.774

Inverse Universe

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



38, 4.555, 347.448



49, 6.780, 347.637



41, 5.443, 111.382



18, 2.750, 347.413



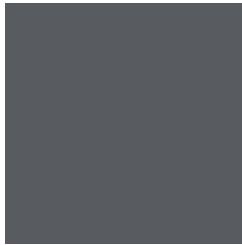
23, 46.105, 4.987



51, 80.596, 8.222

Previews

White Background



This preview shows how the CIELCh color 39, 3.443, 262.386 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, 3.443, 262.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

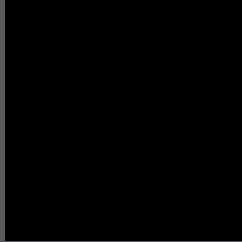
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

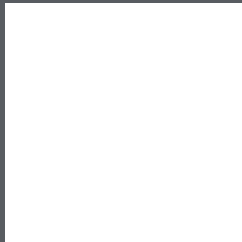
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 3.443, 262.386

Background



This preview shows how black text looks on a background with the CIELCh color 39, 3.443, 262.386.

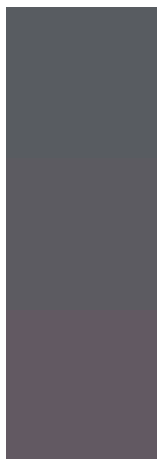


This preview shows how white text looks on a background with the CIELCh color 39, 3.443, 262.386.

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, 3.443, 262.386

Protanopia

39, 3.709, 297.130

Deuteranopia

39, 6.695, 324.887



Tritanopia
39, 4.433, 274.936

Trichromacy



Original Color

39, 3.443, 262.386

Protanomaly

39, 3.681, 290.763

Deuteranomaly

39, 5.200, 309.392

Tritanomaly

39, 3.851, 272.272

Monochromacy



Original Color

39, 3.443, 262.386

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 1.290, 271.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 3.443, 262.386 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(88, 92, 97)` looks like.

```
.text, #text, p{  
    color:rgb(88, 92, 97)  
}
```

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(88, 92, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 92, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 3.443, 262.386 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(88, 92, 97) }
```

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

```
.border{ border-color:rgb(88, 92, 97) }
```

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

Here you see how a box with a 4 pixel rgb(88, 92, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 92, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 92, 97);  
box-shadow:4px 4px 4px 4px rgb(88, 92, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 3.443, 262.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 92, 97) }
```

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

```
.background{ background-color: rgb(88, 92,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor