

Converting Colors

CIELCh(39, 8.828, 229.424)

Have a look what the booklet for
CIELCh(39, 8.828, 229.424) contains.

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Color

CIELCh(39, 8.677, 228.357)

Conversions

Conversions Part 1

Format	Color
Hex	4B5F66
RGB	75, 95, 102
RGB Percent	29%, 37%, 40%
CMY	0.7056, 0.6271, 0.5997
CMYK	0.26, 0.07, 0.00, 0.60
HSL	196°, 15%, 35%
HSV	196°, 26%, 40%
XYZ	9.4096, 10.6589, 14.1531
YIQ	89.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

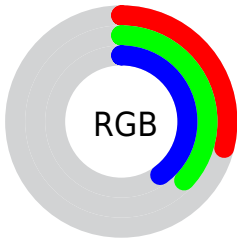
Format	Color
R_{YB}	75, 86, 102
Decimal	4939622
CIE Lab	39.00, -5.77, -6.48
CIE LCh	39, 8.677, 228.357
Yxy	10.6589, 0.2750, 0.3115
Android (android.graphics.Color)	4283129702 (0xFF4B5F66)
YUV	89.8180, 6.0057, -12.9954
Hunter-Lab	32.6480, -5.6877, -2.8489

Details

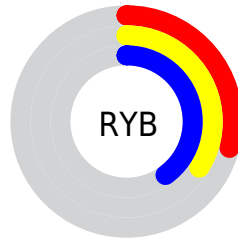
The CIELCh color **39, 8.677, 228.357** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 10.149, 45.494**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 8.800, 229.977**, and **19, 8.518, 227.234** is the 20% darker color. If you saturate the color by 10%, you get **38, 11.593, 229.393**, and if you desaturate by 10%, it is **41, 5.540, 227.553**.

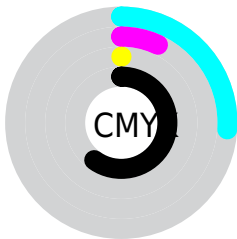
Distribution



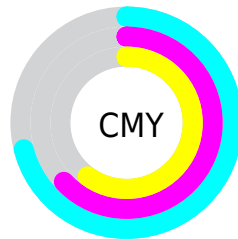
- Red (29%)
- Green (37%)
- Blue (40%)



- Red (29%)
- Yellow (34%)
- Blue (40%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 8.677, 228.357 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, 8.677, 228.357 by changing the saturation by 10% instead.

■ 39, 8.677, 228.357

■ 39, 8.677, 228.357

■ 100, 8.677,
228.357

■ 29, 8.677, 228.357

■ 59, 8.677, 228.357

■ 19, 8.677, 228.357

■ 69, 8.677, 228.357

■ 9, 8.677, 228.357

■ 79, 8.677, 228.357

■ 0, 8.677, 228.357

■ 89, 8.677, 228.357

■ 99, 8.677, 228.357

■ 39, 8.677, 228.357

■ 39, 8.677, 228.357

■ 38, 11.593,
229.393

■ 41, 5.540, 227.553

36, 14.247,
230.729

42, 2.222, 227.007

35, 16.600,
232.423

44, 1.241, 46.120

46, 4.816, 45.945

33, 18.625,
234.549

47, 8.477, 45.699

32, 20.309,
237.183

49, 12.199, 45.509

51, 15.964, 45.372

31, 21.665,
240.394

53, 19.756, 45.277

30, 22.813,
244.025

54, 23.563, 45.216

30, 23.239,
245.251

Harmonies

Complementary

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



39, 8.677, 228.357



37, 10.149, 45.494

Rectangle

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



39, 8.677, 228.357



39, 8.677, 278.357



39, 8.677, 48.357



39, 8.677, 98.357

Sweetspot

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



39, 8.677, 228.351



54, 3.402, 227.077



41, 16.760, 150.477



27, 2.392, 227.132



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, 8.677, 228.351



49, 12.763, 228.994



35, 12.828, 280.716



20, 1.922, 227.109



33, 25.336, 245.941



69, 44.724, 249.038

Inverse Universe

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



35, 16.762, 334.365



44, 25.121, 334.815



41, 12.613, 94.230



20, 3.528, 333.199



25, 52.998, 341.260



54, 90.953, 342.289

Previews

White Background



This preview shows how the CIELCh color 39, 8.677, 228.357 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, 8.677, 228.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

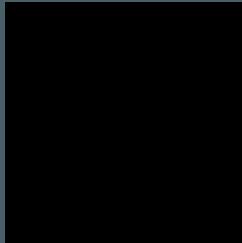
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 8.677, 228.357

Background



This preview shows how black text looks on a background with the CIELCh color 39, 8.677, 228.357.



This preview shows how white text looks on a background with the CIELCh color 39, 8.677, 228.357.

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

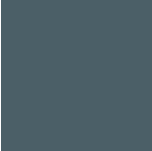
39, 8.677, 228.357

Protanopia

39, 5.518, 291.043

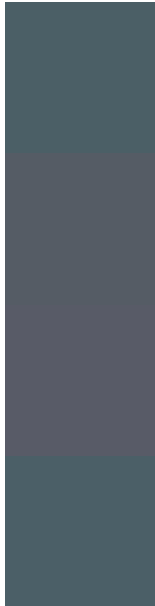
Deuteranopia

39, 8.966, 307.160



Tritanopia
39, 8.944, 232.011

Trichromacy



Original Color
39, 8.677, 228.357

Protanomaly
39, 6.117, 263.972

Deuteranomaly
39, 7.429, 282.103

Tritanomaly
39, 8.944, 232.011

Monochromacy



Original Color
39, 8.677, 228.357

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 3.099, 222.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 8.677, 228.357 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(75, 95, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 95, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 8.677, 228.357 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, 102) }
```

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

```
.border{ border-color:rgb(75, 95, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(75, 95,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 8.677, 228.357 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, 102) }
```

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

```
.background{ background-color: rgb(75, 95,  
102) }
```

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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