

Converting Colors

CIE LCh(39, 7.321, 11.123)

Have a look what the booklet for
CIELCh(39, 7.321, 11.123) contains.

CIELCh(39, 7.455, 11.060)	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, 7.455, 11.060)

Conversions

Conversions Part 1

Format	Color
Hex	69585A
RGB	105, 88, 90
RGB Percent	41%, 35%, 35%
CMY	0.5893, 0.6559, 0.6481
CMYK	0.00, 0.16, 0.14, 0.59
HSL	353°, 9%, 38%
HSV	353°, 16%, 41%
XYZ	11.0983, 10.6589, 11.0886
YIQ	93.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

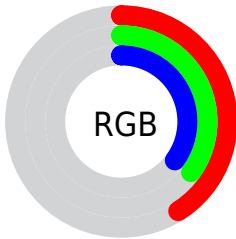
Format	Color
R_{YB}	105, 88, 90
Decimal	6903898
CIE Lab	39.00, 7.32, 1.43
CIE LCh	39, 7.455, 11.060
Yxy	10.6589, 0.3379, 0.3245
Android (android.graphics.Color)	4285093978 (0xFF69585A)
YUV	93.3110, -1.6323, 10.2513
Hunter-Lab	32.6480, 3.5446, 2.7164

Details

The CIELCh color **39, 7.455, 11.060** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 6.907, 188.551**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 7.251, 11.166**, and **19, 7.446, 10.636** is the 20% darker color. If you saturate the color by 10%, you get **36, 12.398, 12.163**, and if you desaturate by 10%, it is **42, 2.775, 10.096**.

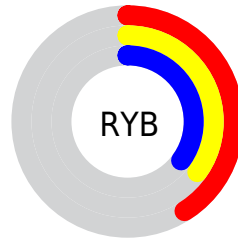
Distribution



Red (41%)

Green (35%)

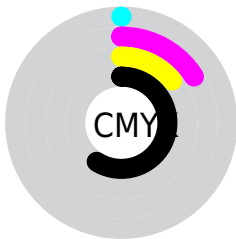
Blue (35%)



Red (41%)

Yellow (35%)

Blue (35%)

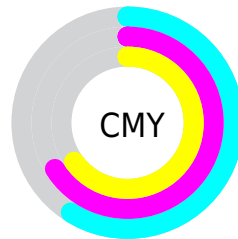


Cyan (0%)

Magenta (16%)

Yellow (14%)

Black (59%)



Cyan (59%)

Magenta (66%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 7.455, 11.060 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, 7.455, 11.060 by changing the saturation by 10% instead.

■ 39, 7.455, 11.060 ■ 39, 7.455, 11.060

■ 100, 7.455, 11.060 ■ 29, 7.455, 11.060

■ 59, 7.455, 11.060 ■ 19, 7.455, 11.060

■ 69, 7.455, 11.060 ■ 9, 7.455, 11.060

■ 79, 7.455, 11.060 ■ 0, 7.455, 11.060

■ 89, 7.455, 11.060

■ 99, 7.455, 11.060

■ 39, 7.455, 11.060 ■ 39, 7.455, 11.060

■ 36, 12.398, 12.163 ■ 42, 2.775, 10.096

■ 33, 17.579, 13.485 ■ 46, 1.633, 189.661

30, 22.932, 15.114

49, 5.779, 188.865

27, 28.351, 17.148

52, 9.679, 188.279

25, 33.690, 19.700

56, 13.355,
187.774

23, 38.782, 22.874

59, 16.829,
187.331

22, 43.474, 26.711

20, 47.712, 30.601

62, 20.121,
186.935

20, 49.160, 31.432

66, 23.252,
186.580

69, 26.239,
186.258

Harmonies

Complementary

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



39, 7.455, 11.060



43, 6.907, 188.551

Rectangle

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



39, 7.455, 11.060



39, 7.455, 61.060



39, 7.455, 191.060



39, 7.455, 241.060

Sweetspot

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



39, 7.454, 11.068



54, 2.741, 9.982



39, 12.050, 321.470



28, 1.888, 10.037



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



39, 7.454, 11.068



49, 10.869, 11.409



41, 6.030, 58.400



21, 2.574, 10.366



23, 53.921, 32.599



51, 96.031, 35.739

Inverse Universe

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



39, 7.454, 11.068



49, 10.869, 11.409



41, 5.613, 241.513



21, 2.574, 10.366



23, 53.921, 32.599



51, 96.031, 35.739

Previews

White Background



This preview shows how the CIELCh color 39, 7.455, 11.060 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, 7.455, 11.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

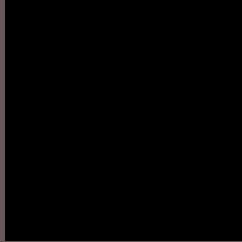
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 7.455, 11.060

Background



This preview shows how black text looks on a background with the CIELCh color 39, 7.455, 11.060.

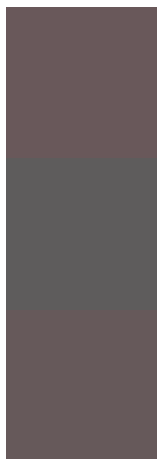


This preview shows how white text looks on a background with the CIELCh color 39, 7.455, 11.060.

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, 7.455, 11.060

Protanopia

39, 0.845, 19.147

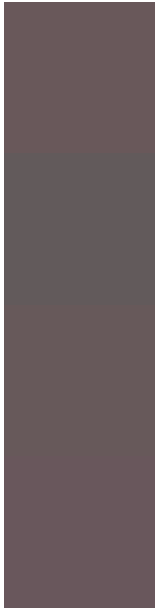
Deuteranopia

39, 5.638, 13.954



Tritanopia
39, 8.782, 351.608

Trichromacy



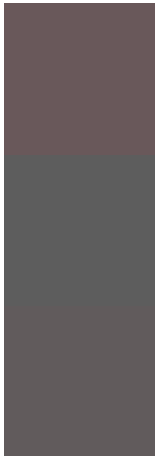
Original Color
39, 7.455, 11.060

Protanomaly
39, 3.473, 9.692

Deuteranomaly
39, 6.075, 14.472

Tritanomaly
39, 8.306, 359.096

Monochromacy



Original Color
39, 7.455, 11.060

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 2.625, 6.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 7.455, 11.060 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(105, 88, 90)` looks like.

```
.text, #text, p{  
    color:rgb(105, 88, 90)  
}
```

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(105, 88, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 88, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 7.455, 11.060 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(105, 88, 90) }
```

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

```
.border{ border-color:rgb(105, 88, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 88, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 88, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 88, 90);  
box-shadow:4px 4px 4px 4px rgb(105, 88,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 7.455, 11.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 88, 90) }
```

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

```
.background{ background-color: rgb(105, 88,  
90) }
```

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