

Converting Colors

CIELCh(39, 7.282, 215.868)

Have a look what the booklet for
CIELCh(39, 7.282, 215.868) contains.

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Color

CIELCh(39, 7.406, 218.009)

Conversions

Conversions Part 1	
Format	Color
Hex	4D5F63
RGB	77, 95, 99
RGB Percent	30%, 37%, 39%
CMY	0.6981, 0.6275, 0.6118
CMYK	0.22, 0.04, 0.00, 0.61
HSL	191°, 13%, 35%
HSV	191°, 22%, 39%
XYZ	9.4012, 10.6589, 13.3621
YIQ	90.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

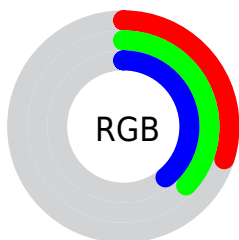
Format	Color
RYB	77, 87, 99
Decimal	5070691
CIELab	39.00, -5.84, -4.56
CIELCh	39, 7.406, 218.009
Yxy	10.6589, 0.2813, 0.3189
Android (android.graphics.Color)	4283260771 (0xFF4D5F63)
YUV	90.0740, 4.4005, -11.4659
Hunter-Lab	32.6480, -5.7341, -1.4123

Details

The CIELCh color $39, 7.406, 218.009$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36, 8.511, 37.257$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 7.514, 221.085$, and $19, 7.467, 219.855$ is the 20% darker color. If you saturate the color by 10%, you get $38, 10.394, 218.480$, and if you desaturate by 10%, it is $40, 4.187, 217.701$.

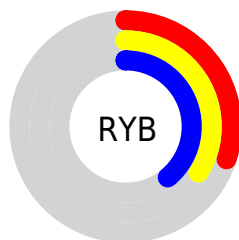
Distribution



Red (30%)

Green (37%)

Blue (39%)



Red (30%)

Yellow (34%)

Blue (39%)

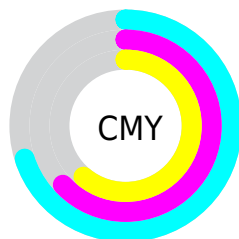


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (61%)



Cyan (70%)

Magenta (63%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 7.406, 218.009 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, 7.406, 218.009 by changing the saturation by 10% instead.

 39, 7.406, 218.009  39, 7.406, 218.009

 100, 7.406,
218.009  29, 7.406, 218.009


 59, 7.406, 218.009  19, 7.406, 218.009

 69, 7.406, 218.009  9, 7.406, 218.009

 79, 7.406, 218.009  0, 7.406, 218.009

 89, 7.406, 218.009

 99, 7.406, 218.009

 39, 7.406, 218.009  39, 7.406, 218.009

 38, 10.394,
218.480  40, 4.187, 217.701

37, 13.104,
219.159

42, 0.781, 217.833

36, 15.489,
220.083

43, 2.772, 37.183

45, 6.438, 37.215

34, 17.506,
221.304

46, 10.187, 37.258

34, 19.126,
222.883

48, 13.994, 37.337

49, 17.841, 37.447

33, 20.338,
224.883

51, 21.711, 37.580

32, 21.169,
227.346

52, 25.592, 37.732

31, 21.763,
229.288

Harmonies

Complementary

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



39, 7.406, 218.009



36, 8.511, 37.257

Rectangle

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



39, 7.406, 218.009



39, 7.406, 268.009



39, 7.406, 38.009



39, 7.406, 88.009

Sweetspot

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



39, 7.406, 218.002



52, 2.988, 217.635



40, 14.594, 147.961



26, 1.923, 217.636



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, 7.406, 218.002



49, 10.888, 218.244



36, 9.481, 274.104



19, 1.903, 217.647



36, 23.784, 229.843



73, 41.676, 232.233

Inverse Universe

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



36, 14.486, 331.180



44, 21.676, 331.519



39, 9.523, 88.486



18, 3.570, 330.372



24, 55.091, 336.605



55, 95.515, 337.242

Previews

White Background



This preview shows how the CIE LCh color 39, 7.406, 218.009 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, 7.406, 218.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

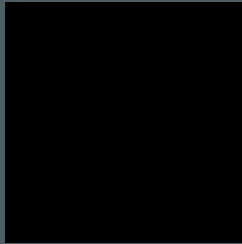
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

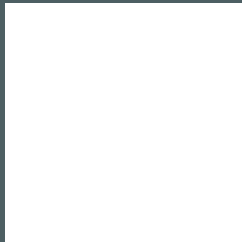
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 7.406, 218.009

Background



This preview shows how black text looks on a background with the CIELCh color 39, 7.406, 218.009.



This preview shows how white text looks on a background with the CIELCh color 39, 7.406, 218.009.

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, 7.406, 218.009

Protanopia

39, 3.709, 297.130

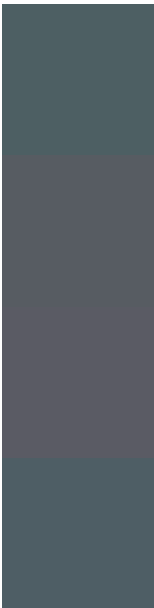
Deuteranopia

39, 7.542, 317.009



Tritanopia
39, 7.787, 238.006

Trichromacy



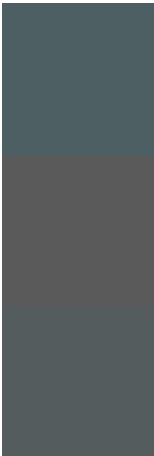
Original Color
39, 7.406, 218.009

Protanomaly
39, 4.160, 261.628

Deuteranomaly
39, 5.526, 286.849

Tritanomaly
39, 7.459, 234.046

Monochromacy



Original Color
39, 7.406, 218.009

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, 7.406, 218.009 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(77, 95, 99)` looks like.

```
.text, #text, p{  
    color:rgb(77, 95, 99)  
}
```

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(77, 95, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 95, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 7.406, 218.009 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(77, 95, 99) }
```

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

```
.border{ border-color:rgb(77, 95, 99) }
```

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

Here you see how a box with a 4 pixel rgb(77, 95, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 95, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 95, 99);  
box-shadow:4px 4px 4px 4px rgb(77, 95, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 7.406, 218.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 95, 99) }
```

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

```
.background{ background-color: rgb(77, 95,  
99) }
```

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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