

Converting Colors

CIELCh(39, 10.913, 158.485)

Have a look what the booklet for
CIELCh(39, 10.913, 158.485)
contains.

CIELCh(39, 10.785, 159.431)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 10.785, 159.431)

Conversions

Conversions Part 1

Format	Color
Hex	4C6055
RGB	76, 96, 85
RGB Percent	30%, 38%, 33%
CMY	0.7004, 0.6219, 0.6650
CMYK	0.21, 0.00, 0.11, 0.62
HSL	147°, 12%, 34%
HSV	147°, 21%, 38%
XYZ	8.8908, 10.6589, 10.2694
YIQ	88.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

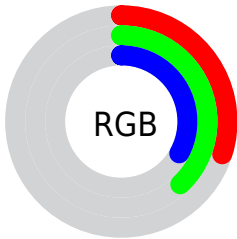
Format	Color
R_{YB}	76, 90, 96
Decimal	5005397
CIE Lab	39.00, -10.10, 3.79
CIE LCh	39, 10.785, 159.431
Yxy	10.6589, 0.2982, 0.3575
Android (android.graphics.Color)	4283195477 (0xFF4C6055)
YUV	88.7660, -1.8566, -11.1958
Hunter-Lab	32.6480, -8.5243, 4.2041

Details

The CIELCh color $39, 10.785, 159.431$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $35, 10.992, 342.632$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 10.959, 160.104$, and $19, 11.142, 159.341$ is the 20% darker color. If you saturate the color by 10%, you get $38, 15.925, 158.495$, and if you desaturate by 10%, it is $40, 5.588, 160.280$.

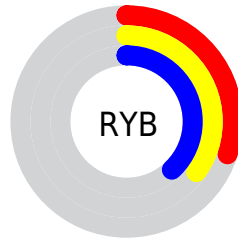
Distribution



Red (30%)

Green (38%)

Blue (33%)



Red (30%)

Yellow (35%)

Blue (38%)

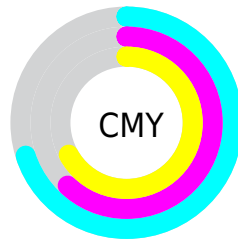


Cyan (21%)

Magenta (0%)

Yellow (11%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 10.785, 159.431 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, 10.785, 159.431 by changing the saturation by 10% instead.

■ 39, 10.785,
159.431

■ 39, 10.785,
159.431

■ 100, 10.785,
159.431

■ 29, 10.785,
159.431

■ 59, 10.785,
159.431

■ 19, 10.785,
159.431

■ 69, 10.785,
159.431

■ 9, 10.785, 159.431

■ 79, 10.785,
159.431

■ 0, 10.785, 159.431

■ 89, 10.785,
159.431

■ 99, 10.785,
159.431

■ 39, 10.785,
159.431

■ 39, 10.785,
159.431

■ 38, 15.925,
158.495

■ 40, 5.588, 160.280

■ 38, 20.938,
157.450

■ 41, 0.389, 161.578

■ 42, 4.768, 341.623

■ 37, 25.750,
156.275

■ 43, 9.845, 342.271

■ 36, 30.282,
154.948

■ 44, 14.820,
342.852

■ 36, 34.460,
153.452

■ 45, 19.675,
343.388

■ 36, 38.226,
151.776

■ 47, 24.399,
343.885

■ 35, 41.547,
149.922

■ 48, 28.988,
344.349

■ 35, 44.437,

■ 49, 33.441,

148.319

344.785

Harmonies

Complementary

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



39, 10.785, 159.431



35, 10.992, 342.632

Rectangle

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



39, 10.785, 159.431



39, 10.785, 209.431



39, 10.785, 339.431



39, 10.785, 29.431

Sweetspot

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



39, 10.786, 159.429



52, 3.851, 160.664



40, 12.718, 125.779



26, 2.575, 160.630



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, 10.786, 159.429



50, 16.057, 158.976



39, 8.045, 192.557



20, 2.924, 160.436



41, 49.912, 147.869



84, 90.088, 146.362

Inverse Universe

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



35, 10.992, 342.632



43, 16.432, 343.070



35, 8.985, 15.517



18, 2.951, 341.650



23, 47.124, 355.549



52, 81.652, 357.999

Previews

White Background



This preview shows how the CIELCh color 39, 10.785, 159.431 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, 10.785, 159.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

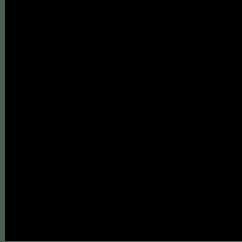
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 10.785, 159.431

Background



This preview shows how black text looks on a background with the CIELCh color 39, 10.785, 159.431.



This preview shows how white text looks on a background with the CIELCh color 39, 10.785, 159.431.

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](#).

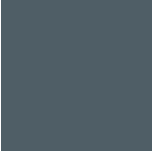
Dichromacy



Original Color
39, 10.785, 159.431

Protanopia
39, 5.180, 89.638

Deuteranopia
39, 5.801, 32.197



Tritanopia
39, 7.504, 239.809

Trichromacy



Original Color
39, 10.785, 159.431

Protanomaly
39, 5.916, 130.617

Deuteranomaly
39, 3.680, 102.863

Tritanomaly
39, 6.794, 203.782

Monochromacy



Original Color
39, 10.785, 159.431

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 4.188, 163.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 10.785, 159.431 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(76, 96, 85)` looks like.

```
.text, #text, p{  
    color:rgb(76, 96, 85)  
}
```

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(76, 96, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 96, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 10.785, 159.431 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(76, 96, 85) }
```

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

```
.border{ border-color:rgb(76, 96, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 96, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 96, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 96, 85);  
box-shadow:4px 4px 4px 4px rgb(76, 96, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 10.785, 159.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 96, 85) }
```

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

```
.background{ background-color: rgb(76, 96,  
85) }
```

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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