

Converting Colors

CIELCh(39, 0.633, 235.806)

Have a look what the booklet for
CIELCh(39, 0.633, 235.806) contains.

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Color

CIELCh(39, 0.739, 255.946)

Conversions

Conversions Part 1

Format	Color
Hex	5B5C5D
RGB	91, 92, 93
RGB Percent	36%, 36%, 36%
CMY	0.6433, 0.6394, 0.6355
CMYK	0.02, 0.01, 0.00, 0.64
HSL	210°, 1%, 36%
HSV	210°, 2%, 36%
XYZ	10.1080, 10.6589, 11.8710
YIQ	91.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

Format	Color
RYB	91, 92, 93
Decimal	5987421
CIELab	39.00, -0.18, -0.72
CIELCh	39, 0.739, 255.946
Yxy	10.6589, 0.3097, 0.3266
Android (android.graphics.Color)	4284177501 (0xFF5B5C5D)
YUV	91.8150, 0.5842, -0.7148
Hunter-Lab	32.6480, -1.8695, 1.2955

Details

The CIELCh color $[39, 0.739, 255.946]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[39, 0.734, 74.802]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 0.687, 256.000]$, and $[19, 0.825, 256.012]$ is the 20% darker color. If you saturate the color by 10%, you get $[37, 4.139, 256.864]$, and if you desaturate by 10%, it is $[41, 2.683, 74.423]$.

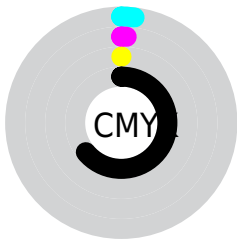
Distribution



- Red (36%)
- Green (36%)
- Blue (36%)



- Red (36%)
- Yellow (36%)
- Blue (36%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (64%)



- Cyan (64%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 0.739, 255.946 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, 0.739, 255.946 by changing the saturation by 10% instead.

■ 39, 0.739, 255.946

■ 39, 0.739, 255.946

■ 100, 0.739,
255.946

■ 29, 0.739, 255.946

■ 59, 0.739, 255.946

■ 19, 0.739, 255.946

■ 69, 0.739, 255.946

■ 9, 0.739, 255.946

■ 79, 0.739, 255.946

■ 0, 0.739, 255.946

■ 89, 0.739, 255.946

■ 99, 0.739, 255.946

■ 39, 0.739, 255.946

■ 39, 0.739, 255.946

■ 37, 4.139, 256.864

■ 41, 2.683, 74.423

■ 35, 7.506, 258.296

■ 43, 6.116, 73.544

■ 32, 10.829,
259.995

■ 46, 9.550, 72.753

■ 30, 14.097,
261.999

■ 48, 12.977, 72.056

■ 50, 16.390, 71.440

■ 28, 17.304,
264.354

■ 52, 19.785, 70.892

■ 26, 20.451,
267.106

■ 54, 23.157, 70.402

■ 57, 26.503, 69.962

■ 24, 23.552,
270.282

■ 59, 29.819, 69.563

■ 22, 26.633,
273.879

■ 21, 29.741,
277.800

Harmonies

Complementary

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



39, 0.739, 255.946



39, 0.734, 74.802

Rectangle

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



39, 0.739, 255.946



39, 0.739, 305.946



39, 0.739, 75.946



39, 0.739, 125.946

Sweetspot

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



39, 0.739, 255.856



50, 0.426, 256.036



39, 1.052, 162.823



26, 0.245, 256.085



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



39, 0.739, 255.856



50, 1.268, 255.879



39, 1.209, 289.738



18, 0.760, 255.905



23, 36.962, 281.626



51, 69.335, 284.758

Inverse Universe

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



39, 1.051, 343.546



49, 1.808, 343.685



39, 1.193, 109.284



18, 1.084, 343.737



22, 45.725, 359.752



51, 80.135, 2.673

Previews

White Background



This preview shows how the CIELCh color 39, 0.739, 255.946 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, 0.739, 255.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

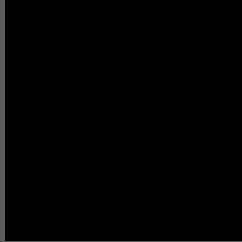
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

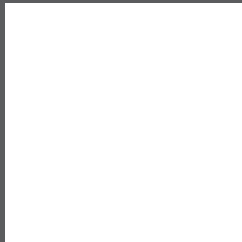
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 0.739, 255.946

Background



This preview shows how black text looks on a background with the CIELCh color 39, 0.739, 255.946.



This preview shows how white text looks on a background with the CIELCh color 39, 0.739, 255.946.

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, 0.739, 255.946

Protanopia

39, 1.498, 324.452

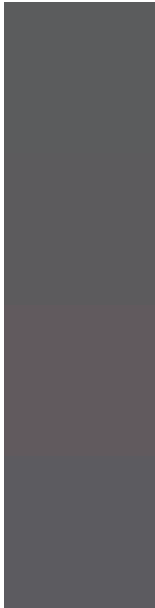
Deuteranopia

39, 5.586, 347.029



Tritanopia
39, 4.318, 296.299

Trichromacy



Original Color

39, 0.739, 255.946

Protanomaly

39, 1.305, 309.103

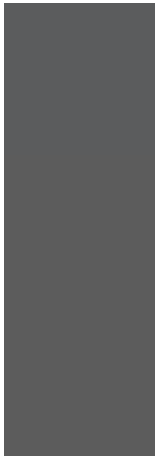
Deuteranomaly

39, 3.851, 340.453

Tritanomaly

39, 3.101, 298.325

Monochromacy



Original Color

39, 0.739, 255.946

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 0.006, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 0.739, 255.946 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(91, 92, 93)` looks like.

```
.text, #text, p{  
    color:rgb(91, 92, 93)  
}
```

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(91, 92, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 92, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 0.739, 255.946 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(91, 92, 93) }
```

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

```
.border{ border-color:rgb(91, 92, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 92, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 92, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 92, 93);  
box-shadow:4px 4px 4px 4px rgb(91, 92, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 0.739, 255.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 92, 93) }
```

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

```
.background{ background-color: rgb(91, 92,  
93) }
```

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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