

Converting Colors

CIELCh(39, 53.734, 282.667)

Have a look what the booklet for
CIELCh(39, 53.734, 282.667)
contains.

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Color

CIELCh(39, 53.772, 282.809)

Conversions

Conversions Part 1

Format	Color
Hex	005BB2
RGB	0, 91, 178
RGB Percent	0%, 36%, 70%
CMY	1.0000, 0.6437, 0.3027
CMYK	1.00, 0.49, 0.00, 0.30
HSL	209°, 100%, 35%
HSV	209°, 100%, 70%
XYZ	11.7375, 10.6589, 43.4648
YIQ	73.7090, -82.1630, 7.7650

Conversions

Conversions Part 2

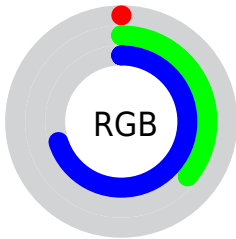
Format	Color
RYB	0, 60, 178
Decimal	23474
CIELab	39.00, 11.92, -52.43
CIELCh	39, 53.772, 282.809
Yxy	10.6589, 0.1782, 0.1618
Android (android.graphics.Color)	4278213554 (0xFF005BB2)
YUV	73.7090, 51.4155, -64.6428
Hunter-Lab	32.6480, 7.0396, -56.0799

Details

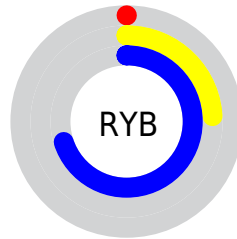
The CIELCh color **39, 53.772, 282.809** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **47, 65.300, 59.818**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 53.828, 282.863**, and **22, 51.258, 292.432** is the 20% darker color. If you saturate the color by 10%, you get **39, 53.766, 282.841**, and if you desaturate by 10%, it is **42, 48.460, 278.382**.

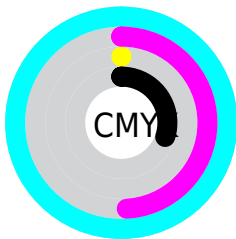
Distribution



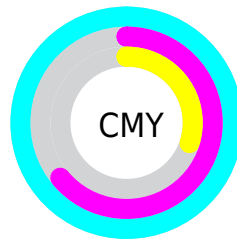
- Red (0%)
- Green (36%)
- Blue (70%)



- Red (0%)
- Yellow (24%)
- Blue (70%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (30%)





- Cyan (100%)
- Magenta (64%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 53.772, 282.809 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, 53.772, 282.809 by changing the saturation by 10% instead.

 39, 53.772,
282.809


 39, 53.772,
282.809

 100, 53.772,
282.809

 29, 53.772,
282.809

 59, 53.772,
282.809


 19, 53.772,
282.809


 69, 53.772,
282.809

 9, 53.772, 282.809

 79, 53.772,
282.809

 0, 53.772, 282.809

 89, 53.772,
282.809

 99, 53.772,
282.809

■ 39, 53.772,
282.809

■ 39, 53.772,
282.809

■ 39, 53.766,
282.841

■ 42, 48.460,
278.382

■ 45, 43.317,
274.007

■ 48, 38.223,
270.026

■ 51, 33.092,
266.526

■ 55, 27.864,
263.521

■ 58, 22.511,
260.977

■ 62, 17.032,
258.839

■ 65, 11.440,

257.050

■ 69, 5.757, 255.566

Harmonies

Complementary

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



39, 53.772, 282.809



47, 65.300, 59.818

Rectangle

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



39, 53.772, 282.809



39, 53.772, 332.809



39, 53.772, 102.809



39, 53.772, 152.809

Sweetspot

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



39, 53.766, 282.841



78, 21.137, 258.941



64, 69.010, 148.391



40, 14.486, 259.795



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



39, 53.766, 282.841



51, 66.744, 283.698



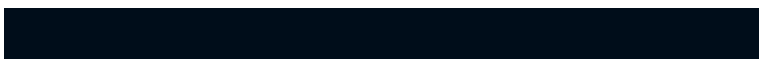
21, 101.322, 306.077



36, 3.272, 255.477



34, 47.571, 282.249



3, 8.718, 265.187

Inverse Universe

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



38, 64.805, 0.842



50, 78.962, 1.643



70, 73.035, 101.802



35, 4.791, 343.784



33, 58.074, 0.304



2, 10.672, 349.255

Previews

White Background



This preview shows how the CIE LCh color 39, 53.772, 282.809 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, 53.772, 282.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

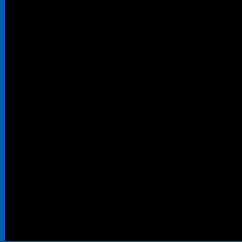
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 53.772, 282.809

Background



This preview shows how black text looks on a background with the CIELCh color 39, 53.772, 282.809.



This preview shows how white text looks on a background with the CIELCh color 39, 53.772, 282.809.

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, 53.772, 282.809

Protanopia

39, 53.291, 286.842

Deuteranopia

39, 44.377, 275.412



Tritanopia
39, 24.755, 206.716

Trichromacy



Original Color
39, 53.772, 282.809

Protanomaly
39, 53.523, 284.743

Deuteranomaly
39, 47.629, 278.326

Tritanomaly
39, 28.759, 248.637

Monochromacy



Original Color
39, 53.772, 282.809

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 22.119, 265.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 53.772, 282.809 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(0, 91, 178)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 178)  
}
```

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(0, 91, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 53.772, 282.809 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(0, 91, 178) }
```

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

```
.border{ border-color:rgb(0, 91, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 91, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 91, 178);  
box-shadow:4px 4px 4px 4px rgb(0, 91, 178)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 53.772, 282.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 91, 178) }
```

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

```
.background{ background-color: rgb(0, 91,  
178) }
```

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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