

Converting Colors

CIELCh(39, 50.809, 288.889)

Have a look what the booklet for
CIELCh(39, 50.809, 288.889)
contains.

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Color

CIELCh(39, 51.363, 289.219)

Conversions

Conversions Part 1

Format	Color
Hex	3857AB
RGB	56, 87, 171
RGB Percent	22%, 34%, 67%
CMY	0.7790, 0.6578, 0.3283
CMYK	0.67, 0.49, 0.00, 0.33
HSL	224°, 50%, 45%
HSV	224°, 67%, 67%
XYZ	12.4569, 10.6589, 40.0740
YIQ	87.3070, -45.4400, 19.5520

Conversions

Conversions Part 2

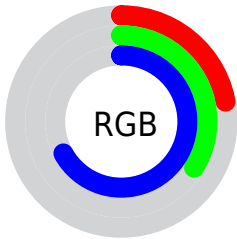
Format	Color
RYB	56, 80, 171
Decimal	3692459
CIELab	39.00, 16.91, -48.50
CIElCh	39, 51.363, 289.219
Yxy	10.6589, 0.1971, 0.1687
Android (android.graphics.Color)	4281882539 (0xFF3857AB)
YUV	87.3070, 41.2606, -27.4562
Hunter-Lab	32.6480, 10.9728, -49.9223

Details

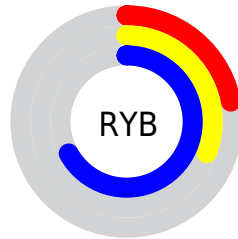
The CIELCh color **39, 51.363, 289.219** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **60, 47.818, 87.331**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 51.593, 289.335**, and **20, 50.440, 293.188** is the 20% darker color. If you saturate the color by 10%, you get **35, 59.879, 292.343**, and if you desaturate by 10%, it is **43, 43.086, 286.375**.

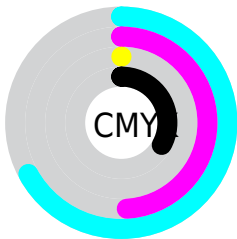
Distribution



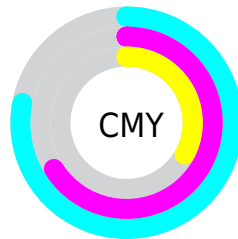
- Red (22%)
- Green (34%)
- Blue (67%)



- Red (22%)
- Yellow (31%)
- Blue (67%)



- Cyan (67%)
- Magenta (49%)
- Yellow (0%)
- Black (33%)





- Cyan (78%)
- Magenta (66%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 51.363, 289.219 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, 51.363, 289.219 by changing the saturation by 10% instead.


 39, 51.363,
289.219


 39, 51.363,
289.219

 100, 51.363,
289.219


 29, 51.363,
289.219

 59, 51.363,
289.219


 19, 51.363,
289.219


 69, 51.363,
289.219

 9, 51.363, 289.219

 79, 51.363,
289.219

 0, 51.363, 289.219

 89, 51.363,
289.219

 99, 51.363,
289.219

■ 39, 51.363,
289.219

■ 39, 51.363,
289.219

■ 35, 59.879,
292.343

■ 43, 43.086,
286.375

■ 31, 68.528,
295.617

■ 48, 35.062,
283.862

■ 27, 77.022,
298.808

■ 53, 27.269,
281.681

■ 26, 79.404,
299.629

■ 57, 19.682,
279.806

■ 62, 12.279,
278.202

■ 67, 5.047, 276.841

■ 71, 2.024, 95.528

■ 76, 8.940, 94.564

Harmonies

Complementary

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



39, 51.363, 289.219



60, 47.818, 87.331

Rectangle

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



39, 51.363, 289.219



39, 51.363, 339.219



39, 51.363, 109.219



39, 51.363, 159.219

Sweetspot

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



39, 51.363, 289.220



77, 17.786, 278.695



63, 40.652, 169.410



39, 12.270, 279.130



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



39, 51.363, 289.220



43, 78.201, 294.077



33, 70.942, 305.145



34, 4.071, 277.120



23, 71.424, 299.287



2, 9.000, 279.221

Inverse Universe

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



42, 49.843, 9.183



49, 71.110, 14.824



66, 59.418, 114.728



34, 4.059, 358.964



31, 59.738, 22.857



2, 8.221, 1.787

Previews

White Background



This preview shows how the CIE LCh color 39, 51.363, 289.219 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, 51.363, 289.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

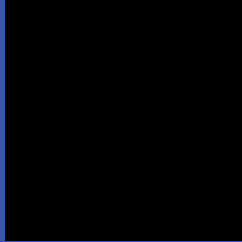
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 51.363, 289.219

Background



This preview shows how black text looks on a background with the CIELCh color 39, 51.363, 289.219.



This preview shows how white text looks on a background with the CIELCh color 39, 51.363, 289.219.

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, 51.363, 289.219

Protanopia

39, 51.484, 286.728

Deuteranopia

39, 44.929, 276.177



Tritanopia
39, 24.698, 208.237

Trichromacy



Original Color
39, 51.363, 289.219

Protanomaly
39, 51.445, 287.738

Deuteranomaly
39, 47.434, 280.207

Tritanomaly
38, 27.422, 250.209

Monochromacy



Original Color
39, 51.363, 289.219

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 18.820, 280.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 51.363, 289.219 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(56, 87, 171)` looks like.

```
.text, #text, p{  
    color:rgb(56, 87, 171)  
}
```

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(56, 87, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 87, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 51.363, 289.219 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(56, 87, 171) }
```

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

```
.border{ border-color:rgb(56, 87, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 87, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 87, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 87, 171);  
box-shadow:4px 4px 4px 4px rgb(56, 87,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 51.363, 289.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 87, 171) }
```

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

```
.background{ background-color: rgb(56, 87,  
171) }
```

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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