

Converting Colors

CIELCh(39, 62.595, 292.051)

Have a look what the booklet for
CIELCh(39, 62.595, 292.051)
contains.

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Color

CIELCh(39, 62.041, 291.760)

Conversions

Conversions Part 1

Format	Color
Hex	3055BB
RGB	48, 85, 187
RGB Percent	19%, 33%, 73%
CMY	0.8132, 0.6675, 0.2677
CMYK	0.74, 0.55, 0.00, 0.27
HSL	224°, 59%, 46%
HSV	224°, 74%, 73%
XYZ	13.3750, 10.6589, 48.2208
YIQ	85.5650, -54.7940, 23.8780

Conversions

Conversions Part 2

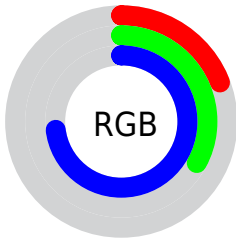
Format	Color
R_{YB}	48, 77, 187
Decimal	3167675
CIE _{Lab}	39.00, 23.00, -57.62
CIE _{LCh}	39, 62.041, 291.760
Yxy	10.6589, 0.1851, 0.1475
Android (android.graphics.Color)	4281357755 (0xFF3055BB)
YUV	85.5650, 50.0075, -32.9445
Hunter-Lab	32.6480, 15.9923, -64.7170

Details

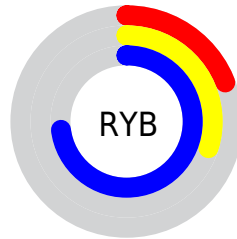
The CIELCh color **39, 62.041, 291.760** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **64, 56.120, 86.331**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 62.135, 291.806**, and **21, 60.953, 296.963** is the 20% darker color. If you saturate the color by 10%, you get **35, 71.334, 295.031**, and if you desaturate by 10%, it is **44, 52.926, 288.677**.

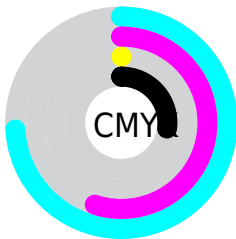
Distribution



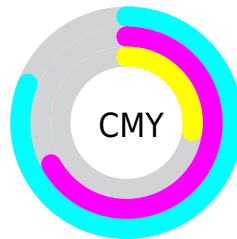
- Red (19%)
- Green (33%)
- Blue (73%)



- Red (19%)
- Yellow (30%)
- Blue (73%)



- Cyan (74%)
- Magenta (55%)
- Yellow (0%)
- Black (27%)





- Cyan (81%)
- Magenta (67%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 62.041, 291.760 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, 62.041, 291.760 by changing the saturation by 10% instead.


 39, 62.041,
291.760

 39, 62.041,
291.760

 100, 62.041,
291.760


 29, 62.041,
291.760

 59, 62.041,
291.760

 19, 62.041,
291.760


 69, 62.041,
291.760

 9, 62.041, 291.760

 79, 62.041,
291.760

 0, 62.041, 291.760

 89, 62.041,
291.760

 99, 62.041,
291.760

■ 39, 62.041,
291.760

■ 39, 62.041,
291.760

■ 35, 71.334,
295.031

■ 44, 52.926,
288.677

■ 31, 80.531,
298.287

■ 48, 44.080,
285.891

■ 29, 85.405,
299.913

■ 53, 35.506,
283.443

■ 58, 27.176,
281.327

■ 63, 19.065,
279.512

■ 68, 11.151,
277.962

■ 74, 3.420, 276.664

■ 79, 4.137, 95.412

Harmonies

Complementary

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



39, 62.041, 291.760



64, 56.120, 86.331

Rectangle

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



39, 62.041, 291.760



39, 62.041, 341.760



39, 62.041, 111.760



39, 62.041, 161.760

Sweetspot

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



39, 62.041, 291.761



82, 21.110, 279.162



68, 46.740, 168.129



42, 14.345, 279.612



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



39, 62.041, 291.761



43, 93.432, 296.990



32, 84.419, 306.007



37, 4.376, 277.261



24, 74.569, 299.507



2, 14.200, 281.676

Inverse Universe

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



43, 58.287, 11.982



52, 80.997, 19.045



71, 68.778, 114.601



37, 4.351, 359.108



33, 62.110, 23.280



3, 12.730, 4.406

Previews

White Background



This preview shows how the CIE LCh color 39, 62.041, 291.760 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, 62.041, 291.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

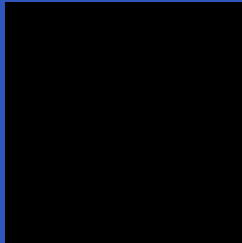
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 62.041, 291.760

Background



This preview shows how black text looks on a background with the CIELCh color 39, 62.041, 291.760.



This preview shows how white text looks on a background with the CIELCh color 39, 62.041, 291.760.

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, 62.041, 291.760

Protanopia

39, 60.688, 286.864

Deuteranopia

39, 43.317, 274.452



Tritanopia
39, 24.755, 206.716

Trichromacy



Original Color
39, 62.041, 291.760

Protanomaly
39, 61.199, 288.034

Deuteranomaly
39, 49.702, 281.404

Tritanomaly
38, 29.876, 256.429

Monochromacy



Original Color
39, 62.041, 291.760

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 23.210, 282.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 62.041, 291.760 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(48, 85, 187)` looks like.

```
.text, #text, p{  
    color:rgb(48, 85, 187)  
}
```

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(48, 85, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 85, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 62.041, 291.760 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(48, 85, 187) }
```

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

```
.border{ border-color:rgb(48, 85, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 85, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 85, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 85, 187);  
box-shadow:4px 4px 4px 4px rgb(48, 85,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 62.041, 291.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 85, 187) }
```

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

```
.background{ background-color: rgb(48, 85,  
187) }
```

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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