

Converting Colors

CIELCh(39, 70.964, 292.552)

Have a look what the booklet for
CIELCh(39, 70.964, 292.552)
contains.

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Color

CIELCh(39, 71.036, 292.618)

Conversions

Conversions Part 1

Format	Color
Hex	1C53C8
RGB	28, 83, 200
RGB Percent	11%, 33%, 78%
CMY	0.8909, 0.6734, 0.2144
CMYK	0.86, 0.58, 0.00, 0.21
HSL	221°, 76%, 45%
HSV	221°, 86%, 79%
XYZ	14.0526, 10.6589, 56.1674
YIQ	79.8930, -70.3370, 24.7270

Conversions

Conversions Part 2

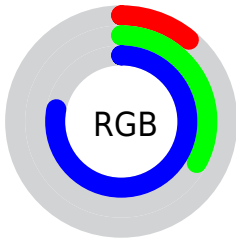
Format	Color
R_{YB}	28, 70, 200
Decimal	1856456
CIE _{Lab}	39.00, 27.32, -65.57
CIE _{LCh}	39, 71.036, 292.618
Yxy	10.6589, 0.1737, 0.1318
Android (android.graphics.Color)	4280046536 (0xFF1C53C8)
YUV	79.8930, 59.2128, -45.5102
Hunter-Lab	32.6480, 19.6970, -79.1484

Details

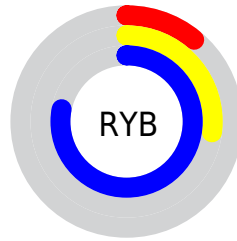
The CIELCh color **39, 71.036, 292.618** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **64, 64.429, 79.701**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 69.446, 292.352**, and **22, 68.625, 298.858** is the 20% darker color. If you saturate the color by 10%, you get **35, 80.097, 296.176**, and if you desaturate by 10%, it is **43, 62.022, 289.079**.

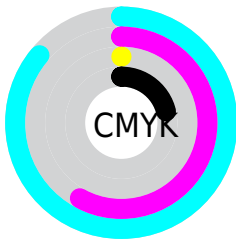
Distribution



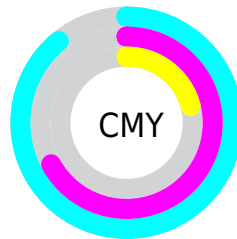
- Red (11%)
- Green (33%)
- Blue (78%)



- Red (11%)
- Yellow (27%)
- Blue (78%)



- Cyan (86%)
- Magenta (58%)
- Yellow (0%)
- Black (21%)




- Cyan (89%)
- Magenta (67%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 71.036, 292.618 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, 71.036, 292.618 by changing the saturation by 10% instead.


 39, 71.036,
292.618

 39, 71.036,
292.618

 100, 71.036,
292.618

 29, 71.036,
292.618

 59, 71.036,
292.618

 19, 71.036,
292.618


 69, 71.036,
292.618

 9, 71.036, 292.618

 79, 71.036,
292.618

 0, 71.036, 292.618

 89, 71.036,
292.618

 99, 71.036,
292.618

■ 39, 71.036,
292.618

■ 39, 71.036,
292.618

■ 35, 80.097,
296.176

■ 43, 62.022,
289.079

■ 34, 83.573,
297.446

■ 48, 53.222,
285.756

■ 53, 44.667,
282.762

■ 58, 36.334,
280.136

■ 62, 28.189,
277.869

■ 68, 20.205,
275.928

■ 73, 12.364,
274.273

■ 78, 4.658, 272.879

Harmonies

Complementary

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



39, 71.036, 292.618



64, 64.429, 79.701

Rectangle

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



39, 71.036, 292.618



39, 71.036, 342.618



39, 71.036, 112.618



39, 71.036, 162.618

Sweetspot

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



39, 71.036, 292.619



84, 24.470, 275.974



72, 56.930, 162.149



43, 16.638, 276.623



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



39, 71.036, 292.619



43, 101.714, 297.950



29, 101.675, 306.353



39, 4.302, 273.303



27, 70.668, 296.909



3, 16.828, 281.475

Inverse Universe

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



44, 67.466, 12.395



54, 87.357, 20.381



76, 78.405, 112.238



39, 4.668, 355.311



34, 62.029, 18.564



4, 16.612, 3.142

Previews

White Background



This preview shows how the CIE LCh color 39, 71.036, 292.618 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, 71.036, 292.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

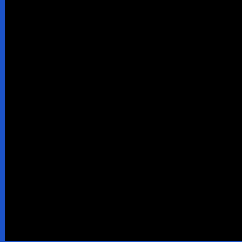
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 71.036, 292.618

Background



This preview shows how black text looks on a background with the CIELCh color 39, 71.036, 292.618.



This preview shows how white text looks on a background with the CIELCh color 39, 71.036, 292.618.

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, 71.024, 292.679

Protanopia

39, 60.688, 286.864

Deuteranopia

39, 42.266, 273.444



Tritanopia
39, 24.827, 205.203

Trichromacy



Original Color
39, 71.024, 292.679

Protanomaly
39, 64.724, 289.234

Deuteranomaly
39, 52.617, 282.917

Tritanomaly
38, 32.692, 261.389

Monochromacy



Original Color
39, 71.024, 292.679

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 27.278, 281.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 71.036, 292.618 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(28, 83, 200)` looks like.

```
.text, #text, p{  
    color:rgb(28, 83, 200)  
}
```

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(28, 83, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 83, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 71.036, 292.618 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(28, 83, 200) }
```

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

```
.border{ border-color:rgb(28, 83, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 83, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 83, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 83, 200);  
box-shadow:4px 4px 4px 4px rgb(28, 83,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 71.036, 292.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 83, 200) }
```

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

```
.background{ background-color: rgb(28, 83,  
200) }
```

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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