

Converting Colors

CIELCh(39, 51.301, 288.175)

Have a look what the booklet for
CIELCh(39, 51.301, 288.175)
contains.

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Color

CIELCh(39, 51.398, 288.113)

Conversions

Conversions Part 1

Format	Color
Hex	3458AC
RGB	52, 88, 172
RGB Percent	20%, 35%, 67%
CMY	0.7967, 0.6554, 0.3260
CMYK	0.70, 0.49, 0.00, 0.33
HSL	222°, 54%, 44%
HSV	222°, 70%, 67%
XYZ	12.3208, 10.6589, 40.3688
YIQ	86.8120, -48.4200, 18.4920

Conversions

Conversions Part 2

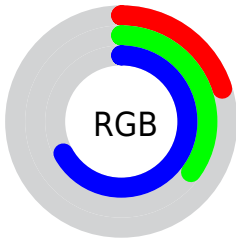
Format	Color
R_{YB}	52, 80, 172
Decimal	3430572
CIE _{Lab}	39.00, 15.98, -48.85
CIE _{LCh}	39, 51.398, 288.113
Yxy	10.6589, 0.1945, 0.1683
Android (android.graphics.Color)	4281620652 (0xFF3458AC)
YUV	86.8120, 41.9977, -30.5301
Hunter-Lab	32.6480, 10.2286, -50.4576




Details

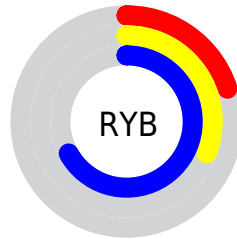
The CIELCh color **39, 51.398, 288.113** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **59, 48.800, 84.421**, and the grayscale version is **37, 0.005, 296.813**.




A 20% lighter version of the original color is **59, 51.628, 288.190**, and **21, 50.336, 292.875** is the 20% darker color. If you saturate the color by 10%, you get **35, 59.540, 291.406**, and if you desaturate by 10%, it is **43, 43.478, 285.102**.

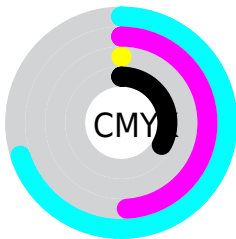
Distribution







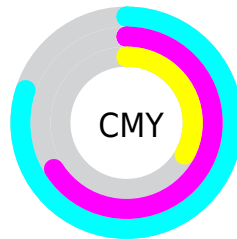
-  Red (20%)
-  Green (35%)
-  Blue (67%)






-  Red (20%)
-  Yellow (31%)
-  Blue (67%)



-  Cyan (70%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (33%)





-  Cyan (80%)
-  Magenta (66%)
-  Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 51.398, 288.113 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, 51.398, 288.113 by changing the saturation by 10% instead.


 39, 51.398,
288.113


 39, 51.398,
288.113

 100, 51.398,
288.113


 29, 51.398,
288.113

 59, 51.398,
288.113


 19, 51.398,
288.113


 69, 51.398,
288.113

 9, 51.398, 288.113

 79, 51.398,
288.113

 0, 51.398, 288.113

 89, 51.398,
288.113

 99, 51.398,
288.113

■ 39, 51.398,
288.113

■ 39, 51.398,
288.113

■ 35, 59.540,
291.406

■ 43, 43.478,
285.102

■ 31, 67.818,
294.838

■ 48, 35.784,
282.432

■ 28, 76.004,
298.107

■ 52, 28.291,
280.110

■ 28, 76.135,
298.155

■ 57, 20.972,
278.114

■ 61, 13.807,
276.405

■ 66, 6.784, 274.949

■ 70, 0.103, 91.760

■ 75, 6.859, 92.532

Harmonies

Complementary

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



39, 51.398, 288.113



59, 48.800, 84.421

Rectangle

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



39, 51.398, 288.113



39, 51.398, 338.113



39, 51.398, 108.113



39, 51.398, 158.113

Sweetspot

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



39, 51.398, 288.114



77, 18.185, 276.651



63, 43.320, 166.513



39, 12.324, 277.090



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, 51.398, 288.114



44, 78.384, 293.348



31, 74.222, 304.772



34, 3.931, 274.879



24, 68.272, 297.779



2, 8.754, 277.570

Inverse Universe

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



41, 51.718, 7.553



49, 72.983, 13.532



67, 61.120, 113.095



34, 4.121, 356.747



31, 58.842, 20.076



2, 8.317, 359.884

Previews

White Background



This preview shows how the CIE LCh color 39, 51.398, 288.113 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, 51.398, 288.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

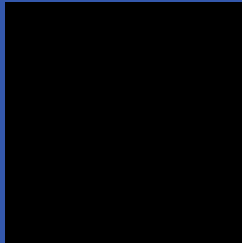
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 51.398, 288.113

Background



This preview shows how black text looks on a background with the CIELCh color 39, 51.398, 288.113.



This preview shows how white text looks on a background with the CIELCh color 39, 51.398, 288.113.

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, 51.398, 288.113

Protanopia

39, 51.484, 286.728

Deuteranopia

39, 44.929, 276.177



Tritanopia
39, 24.755, 206.716

Trichromacy



Original Color
39, 51.398, 288.113

Protanomaly
39, 51.437, 287.073

Deuteranomaly
39, 47.451, 280.117

Tritanomaly
38, 27.481, 250.045

Monochromacy



Original Color
39, 51.398, 288.113

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 19.511, 279.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 51.398, 288.113 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(52, 88, 172)` looks like.

```
.text, #text, p{  
    color:rgb(52, 88, 172)  
}
```

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(52, 88, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 88, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 51.398, 288.113 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(52, 88, 172) }
```

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

```
.border{ border-color:rgb(52, 88, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 88, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 88, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 88, 172);  
box-shadow:4px 4px 4px 4px rgb(52, 88,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 51.398, 288.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 88, 172) }
```

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

```
.background{ background-color: rgb(52, 88,  
172) }
```

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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