

Converting Colors

CIELCh(38, 61.640, 287.717)

Have a look what the booklet for
CIELCh(38, 61.640, 287.717)
contains.

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Color

CIELCh(38, 62.039, 288.030)

Conversions

Conversions Part 1

Format	Color
Hex	0155BA
RGB	1, 85, 186
RGB Percent	0%, 33%, 73%
CMY	0.9961, 0.6659, 0.2697
CMYK	0.99, 0.54, 0.00, 0.27
HSL	213°, 99%, 37%
HSV	213°, 99%, 73%
XYZ	12.1626, 10.0881, 47.8876
YIQ	71.3980, -82.4850, 13.6030

Conversions

Conversions Part 2

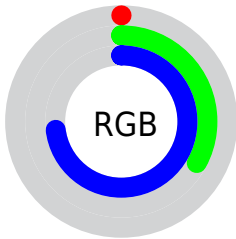
Format	Color
RYB	1, 59, 186
Decimal	87482
CIELab	38.00, 19.20, -58.99
CIELCh	38, 62.039, 288.030
Yxy	10.0881, 0.1734, 0.1438
Android (android.graphics.Color)	4278277562 (0xFF0155BA)
YUV	71.3980, 56.4988, -61.7390
Hunter-Lab	31.7617, 12.7706, -67.1593

Details

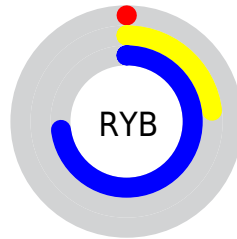
The CIELCh color **38, 62.039, 288.030** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **52, 65.992, 64.566**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 62.004, 287.958**, and **21, 59.658, 296.401** is the 20% darker color. If you saturate the color by 10%, you get **38, 62.392, 288.239**, and if you desaturate by 10%, it is **41, 55.519, 283.829**.

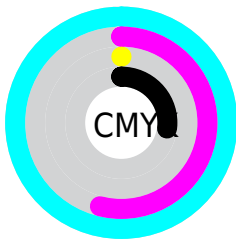
Distribution



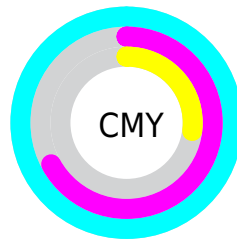
- Red (0%)
- Green (33%)
- Blue (73%)



- Red (0%)
- Yellow (23%)
- Blue (73%)



- Cyan (99%)
- Magenta (54%)
- Yellow (0%)
- Black (27%)





- Cyan (100%)
- Magenta (67%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 62.039, 288.030 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 38, 62.039, 288.030 by changing the saturation by 10% instead.


 38, 62.039,
288.030


 38, 62.039,
288.030

 100, 62.039,
288.030


 28, 62.039,
288.030

 58, 62.039,
288.030


 18, 62.039,
288.030


 68, 62.039,
288.030

 8, 62.039, 288.030

 78, 62.039,
288.030

 0, 62.039, 288.030

 88, 62.039,
288.030

 98, 62.039,
288.030

■ 38, 62.039,
288.030

■ 38, 62.039,
288.030

■ 38, 62.392,
288.239

■ 41, 55.519,
283.829

■ 44, 49.193,
279.673

■ 48, 43.002,
275.841

■ 52, 36.875,
272.432

■ 56, 30.756,
269.474

■ 60, 24.608,
266.946

■ 64, 18.419,
264.803

■ 68, 12.192,

262.992

■ 72, 5.939, 261.476

Harmonies

Complementary

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



38, 62.039, 288.030



52, 65.992, 64.566

Rectangle

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



38, 62.039, 288.030



38, 62.039, 338.030



38, 62.039, 108.030



38, 62.039, 158.030

Sweetspot

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



38, 62.039, 288.032



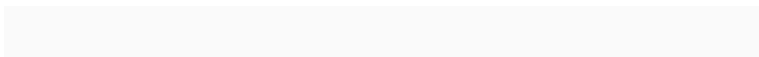
80, 23.212, 265.006



67, 67.692, 150.981



41, 15.949, 265.886



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



38, 62.039, 288.032



49, 77.320, 288.985



22, 105.229, 306.337



38, 3.593, 261.461



32, 54.566, 287.667



4, 12.081, 271.877

Inverse Universe

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



40, 66.568, 6.169



52, 81.212, 7.268



73, 76.487, 104.917



37, 4.834, 346.931



33, 59.069, 5.746



3, 13.621, 354.254

Previews

White Background



This preview shows how the CIE LCh color 38, 62.039, 288.030 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 CIELCh color 38, 62.039, 288.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

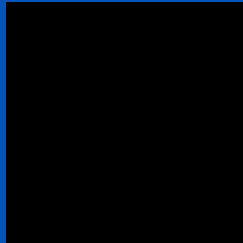
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 62.039, 288.030

Background



This preview shows how black text looks on a background with the CIELCh color 38, 62.039, 288.030.



This preview shows how white text looks on a background with the CIELCh color 38, 62.039, 288.030.

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

38, 62.032, 288.067

Protanopia

38, 59.701, 286.850

Deuteranopia

38, 42.282, 274.077



Tritanopia
38, 24.300, 205.444

Trichromacy



Original Color
38, 62.032, 288.067

Protanomaly
38, 60.266, 287.094

Deuteranomaly
38, 48.826, 279.971

Tritanomaly
37, 30.337, 255.367

Monochromacy



Original Color
38, 62.032, 288.067

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 24.728, 271.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 62.039, 288.030 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(1, 85, 186)` looks like.

```
.text, #text, p{  
    color:rgb(1, 85, 186)  
}
```

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(1, 85, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 85, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 62.039, 288.030 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(1, 85, 186) }
```

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

```
.border{ border-color:rgb(1, 85, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 85, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 85, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 85, 186);  
box-shadow:4px 4px 4px 4px rgb(1, 85, 186)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 62.039, 288.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 85, 186) }
```

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

```
.background{ background-color: rgb(1, 85,  
186) }
```

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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