

Converting Colors

CIELCh(38, 62.776, 301.218)

Have a look what the booklet for
CIELCh(38, 62.776, 301.218)
contains.

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Color

CIELCh(38, 62.211, 301.126)

Conversions

Conversions Part 1

Format	Color
Hex	554BB1
RGB	85, 75, 177
RGB Percent	33%, 29%, 69%
CMY	0.6676, 0.7067, 0.3068
CMYK	0.52, 0.58, 0.00, 0.31
HSL	246°, 41%, 49%
HSV	246°, 58%, 69%
XYZ	14.1370, 10.0881, 42.6698
YIQ	89.6180, -26.7820, 33.8420

Conversions

Conversions Part 2

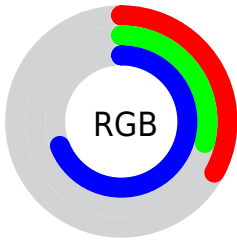
Format	Color
R_{YB}	85, 75, 177
Decimal	5589937
CIE _{Lab}	38.00, 32.16, -53.25
CIE _{LCh}	38, 62.211, 301.126
Yxy	10.0881, 0.2113, 0.1508
Android (android.graphics.Color)	4283780017 (0xFF554BB1)
YUV	89.6180, 43.0793, -4.0500
Hunter-Lab	31.7617, 23.8666, -57.4191

Details

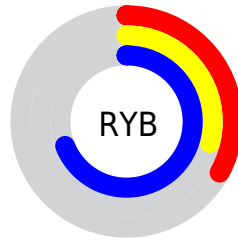
The CIELCh color **38, 62.211, 301.126** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **70, 52.964, 109.556**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 62.100, 301.125**, and **18, 62.199, 301.180** is the 20% darker color. If you saturate the color by 10%, you get **33, 73.868, 302.819**, and if you desaturate by 10%, it is **44, 50.542, 299.508**.

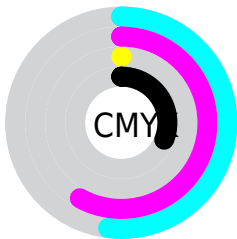
Distribution



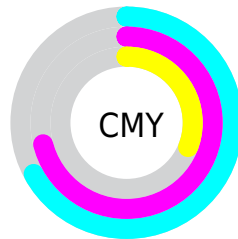
- Red (33%)
- Green (29%)
- Blue (69%)



- Red (33%)
- Yellow (29%)
- Blue (69%)



- Cyan (52%)
- Magenta (58%)
- Yellow (0%)
- Black (31%)





- Cyan (67%)
- Magenta (71%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 62.211, 301.126 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, 62.211, 301.126 by changing the saturation by 10% instead.


 38, 62.211,
301.126


 38, 62.211,
301.126


 100, 62.211,
301.126


 28, 62.211,
301.126

 58, 62.211,
301.126


 18, 62.211,
301.126


 68, 62.211,
301.126

 8, 62.211, 301.126

 78, 62.211,
301.126

 0, 62.211, 301.126

 88, 62.211,
301.126

 98, 62.211,
301.126

■ 38, 62.211,
301.126

■ 38, 62.211,
301.126

■ 33, 73.868,
302.819

■ 44, 50.542,
299.508

■ 28, 84.835,
304.426

■ 50, 39.167,
298.039

■ 24, 93.910,
305.698

■ 56, 28.197,
296.746

■ 22, 99.890,
306.440

■ 62, 17.654,
295.627

■ 21, 101.103,
306.619

■ 68, 7.526, 294.666

■ 73, 2.210, 113.826

■ 79, 11.582,
113.129

■ 85, 20.615,
112.525

■ 91, 29.331,
112.006

Harmonies

Complementary

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



38, 62.211, 301.126



70, 52.964, 109.556

Rectangle

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



38, 62.211, 301.126



38, 62.211, 351.126



38, 62.211, 121.126



38, 62.211, 171.126

Sweetspot

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



38, 62.211, 301.127



79, 20.966, 295.586



64, 28.010, 207.027



40, 14.064, 295.789



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



38, 62.211, 301.127



42, 93.254, 303.237



43, 62.622, 314.452



35, 5.607, 294.813



17, 90.831, 306.667



1, 13.344, 293.144

Inverse Universe

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



48, 61.235, 330.479



58, 86.127, 331.124



66, 58.629, 129.334



35, 6.314, 327.707



35, 73.185, 332.478



2, 14.710, 328.666

Previews

White Background



This preview shows how the CIELCh color 38, 62.211, 301.126 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, 62.211, 301.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

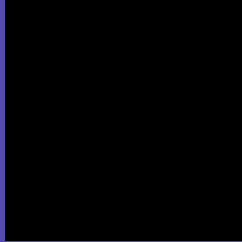
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 62.211, 301.126

Background



This preview shows how black text looks on a background with the CIELCh color 38, 62.211, 301.126.



This preview shows how white text looks on a background with the CIELCh color 38, 62.211, 301.126.

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





Tritanopia
38, 12.960, 217.529

Trichromacy



Original Color
38, 62.211, 301.126

Protanomaly
37, 60.836, 290.052

Deuteranomaly
37, 49.735, 284.588

Tritanomaly
38, 25.662, 280.842

Monochromacy



Original Color
38, 62.211, 301.126

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 22.920, 296.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 62.211, 301.126 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(85, 75, 177)` looks like.

```
.text, #text, p{  
    color:rgb(85, 75, 177)  
}
```

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(85, 75, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 75, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 62.211, 301.126 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(85, 75, 177) }
```

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

```
.border{ border-color:rgb(85, 75, 177) }
```

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

Here you see how a box with a 4 pixel rgb(85, 75, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 75, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 75, 177);  
box-shadow:4px 4px 4px 4px rgb(85, 75,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 62.211, 301.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 75, 177) }
```

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

```
.background{ background-color: rgb(85, 75,  
177) }
```

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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