

Converting Colors

CIELCh(38, 35.969, 338.678)

Have a look what the booklet for
CIELCh(38, 35.969, 338.678)
contains.

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Color

CIELCh(38, 36.066, 338.496)

Conversions

Conversions Part 1

Format	Color
Hex	83436F
RGB	131, 67, 111
RGB Percent	51%, 26%, 44%
CMY	0.4844, 0.7355, 0.5629
CMYK	0.00, 0.49, 0.15, 0.48
HSL	319°, 32%, 39%
HSV	319°, 49%, 52%
XYZ	14.3619, 10.0881, 16.3593
YIQ	91.1520, 24.0200, 27.2520

Conversions

Conversions Part 2

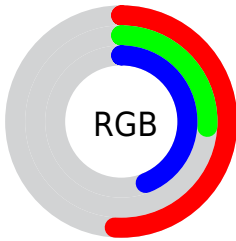
Format	Color
R_{YB}	131, 67, 111
Decimal	8602479
CIE _{Lab}	38.00, 33.56, -13.22
CIE _{LCh}	38, 36.066, 338.496
Yxy	10.0881, 0.3519, 0.2472
Android (android.graphics.Color)	4286792559 (0xFF83436F)
YUV	91.1520, 9.7851, 34.9467
Hunter-Lab	31.7617, 25.1304, -8.3049

Details

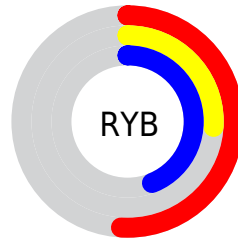
The CIELCh color **38, 36.066, 338.496** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **50, 35.669, 150.442**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 36.158, 338.037**, and **18, 35.924, 338.354** is the 20% darker color. If you saturate the color by 10%, you get **35, 42.502, 339.456**, and if you desaturate by 10%, it is **41, 28.998, 337.625**.

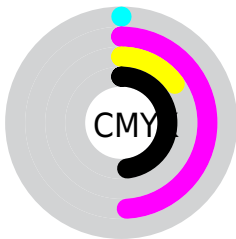
Distribution



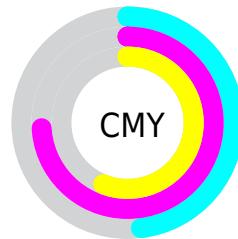
- Red (51%)
- Green (26%)
- Blue (44%)



- Red (51%)
- Yellow (26%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (15%)
- Black (48%)



- Cyan (48%)
- Magenta (74%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 36.066, 338.496 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, 36.066, 338.496 by changing the saturation by 10% instead.

 38, 36.066,
338.496

 38, 36.066,
338.496

 100, 36.066,
338.496

 28, 36.066,
338.496

 58, 36.066,
338.496

 18, 36.066,
338.496

 68, 36.066,
338.496

 8, 36.066, 338.496

 78, 36.066,
338.496

 0, 36.066, 338.496

 88, 36.066,
338.496

 98, 36.066,
338.496

■ 38, 36.066,
338.496

■ 38, 36.066,
338.496

■ 35, 42.502,
339.456

■ 41, 28.998,
337.625

■ 33, 47.979,
340.535

■ 44, 21.583,
336.820

■ 31, 52.159,
341.782

■ 48, 14.029,
336.067

■ 29, 54.784,
343.261

■ 52, 6.486, 335.346

■ 55, 0.950, 154.991

■ 29, 56.136,
344.967

■ 59, 8.220, 154.136

■ 28, 56.310,
345.187

■ 63, 15.292,
153.538

■ 67, 22.155,
152.982

■ 71, 28.805,
152.460

Harmonies

Complementary

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



38, 36.066, 338.496



50, 35.669, 150.442

Rectangle

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



38, 36.066, 338.496



38, 36.066, 28.496



38, 36.066, 158.496



38, 36.066, 208.496

Sweetspot

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



38, 36.064, 338.497



63, 13.911, 335.823



33, 40.728, 305.315



32, 9.575, 335.954



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



38, 36.064, 338.497



46, 51.921, 339.518



37, 29.271, 9.545



26, 4.233, 335.377



28, 55.879, 345.163



0, 1.006, 334.804

Inverse Universe

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



38, 36.064, 338.497



46, 51.921, 339.518



51, 23.895, 178.630



26, 4.233, 335.377



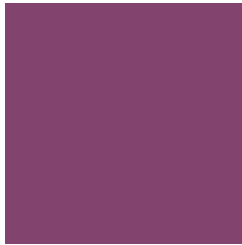
28, 55.879, 345.163



0, 1.006, 334.804

Previews

White Background



This preview shows how the CIELCh color 38, 36.066, 338.496 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 38, 36.066, 338.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

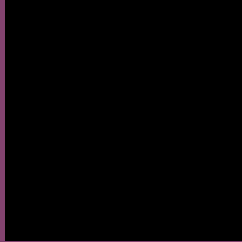
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 36.066, 338.496

Background



This preview shows how black text looks on a background with the CIELCh color 38, 36.066, 338.496.



This preview shows how white text looks on a background with the CIELCh color 38, 36.066, 338.496.

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, 36.066, 338.496

Protanopia

38, 23.494, 284.550

Deuteranopia

38, 12.352, 295.710



Tritanopia
38, 24.534, 15.062

Trichromacy



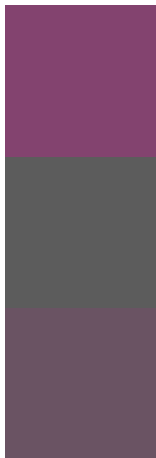
Original Color
38, 36.066, 338.496

Protanomaly
37, 25.498, 307.302

Deuteranomaly
38, 19.754, 321.614

Tritanomaly
38, 26.799, 358.860

Monochromacy



Original Color
38, 36.066, 338.496

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 13.731, 335.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 36.066, 338.496 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(131, 67, 111)` looks like.

```
.text, #text, p{  
    color:rgb(131, 67, 111)  
}
```

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(131, 67, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 67, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 36.066, 338.496 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(131, 67, 111) }
```

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

```
.border{ border-color:rgb(131, 67, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 67, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 67, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 67, 111);  
box-shadow:4px 4px 4px 4px rgb(131, 67,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 36.066, 338.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 67, 111) }
```

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

```
.background{ background-color: rgb(131, 67,  
111) }
```

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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