

Converting Colors

CIELCh(38, 65.988, 351.116)

Have a look what the booklet for
CIELCh(38, 65.988, 351.116)
contains.

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Color

CIELCh(38, 66.065, 351.069)

Conversions

Conversions Part 1

Format	Color
Hex	AE026C
RGB	174, 2, 108
RGB Percent	68%, 1%, 42%
CMY	0.3184, 0.9941, 0.5771
CMYK	0.00, 0.99, 0.38, 0.32
HSL	323°, 98%, 34%
HSV	323°, 99%, 68%
XYZ	20.1269, 10.0881, 15.0288
YIQ	65.5120, 68.4860, 69.4300

Conversions

Conversions Part 2

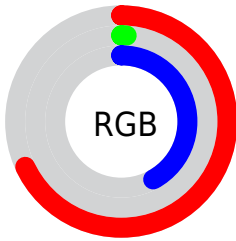
Format	Color
R_{YB}	174, 2, 108
Decimal	11403884
CIE _{Lab}	38.00, 65.26, -10.26
CIE _{LCh}	38, 66.065, 351.069
Yxy	10.0881, 0.4449, 0.2230
Android (android.graphics.Color)	4289593964 (0xFFAE026C)
YUV	65.5120, 20.9466, 95.1440
Hunter-Lab	31.7617, 57.5296, -5.8213

Details

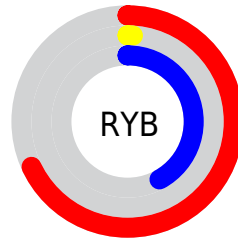
The CIELCh color **38, 66.065, 351.069** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **62, 74.033, 144.258**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **58, 65.968, 351.267**, and **24, 47.860, 357.803** is the 20% darker color. If you saturate the color by 10%, you get **38, 66.138, 351.295**, and if you desaturate by 10%, it is **39, 65.053, 348.543**.

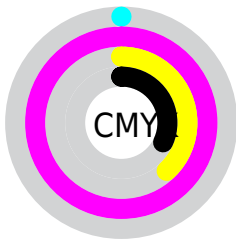
Distribution



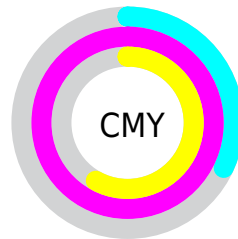
- Red (68%)
- Green (1%)
- Blue (42%)



- Red (68%)
- Yellow (1%)
- Blue (42%)



- Cyan (0%)
- Magenta (99%)
- Yellow (38%)
- Black (32%)





- Cyan (32%)
- Magenta (99%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 66.065, 351.069 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, 66.065, 351.069 by changing the saturation by 10% instead.


 38, 66.065,
351.069


 38, 66.065,
351.069

 100, 66.065,
351.069


 28, 66.065,
351.069

 58, 66.065,
351.069


 18, 66.065,
351.069


 68, 66.065,
351.069

 8, 66.065, 351.069

 78, 66.065,
351.069

 0, 66.065, 351.069

 88, 66.065,
351.069

 98, 66.065,
351.069

■ 38, 66.065,
351.069

■ 38, 66.065,
351.069

■ 38, 66.138,
351.295

■ 39, 65.053,
348.543

■ 41, 62.319,
346.451

■ 43, 57.614,
344.752

■ 46, 51.227,
343.341

■ 49, 43.589,
342.137

■ 53, 35.137,
341.083

■ 58, 26.239,
340.138

■ 62, 17.174,

339.277

■ 67, 8.133, 338.470

Harmonies

Complementary

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



38, 66.065, 351.069



62, 74.033, 144.258

Rectangle

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



38, 66.065, 351.069



38, 66.065, 41.069



38, 66.065, 171.069



38, 66.065, 221.069

Sweetspot

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



38, 66.062, 351.070



73, 33.571, 340.265



24, 95.742, 309.352



37, 23.070, 340.649



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, 66.062, 351.070



50, 80.464, 351.868



36, 72.198, 33.402



34, 5.035, 338.484



33, 59.600, 350.930



2, 9.855, 342.512

Inverse Universe

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



38, 66.062, 351.070



50, 80.464, 351.868



64, 42.783, 178.353



34, 5.035, 338.484



33, 59.600, 350.930



2, 9.855, 342.512

Previews

White Background



This preview shows how the CIELCh color 38, 66.065, 351.069 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 38, 66.065, 351.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

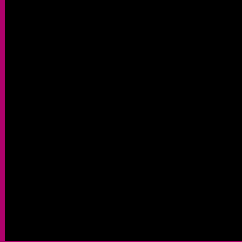
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 66.065, 351.069

Background



This preview shows how black text looks on a background with the CIELCh color 38, 66.065, 351.069.

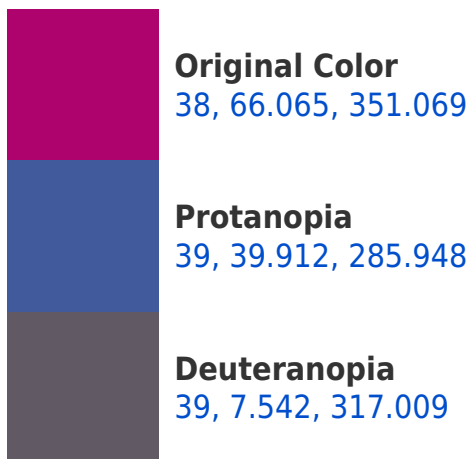


This preview shows how white text looks on a background with the CIELCh color 38, 66.065, 351.069.

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
39, 59.646, 31.186

Trichromacy



Original Color
38, 66.065, 351.069

Protanomaly
34, 51.459, 314.548

Deuteranomaly
35, 37.974, 339.526

Tritanomaly
38, 59.078, 15.023

Monochromacy



Original Color
38, 66.065, 351.069

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 34.638, 342.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 66.065, 351.069 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(174, 2, 108)` looks like.

```
.text, #text, p{  
    color:rgb(174, 2, 108)  
}
```

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(174, 2, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 2, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 66.065, 351.069 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(174, 2, 108) }
```

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

```
.border{ border-color:rgb(174, 2, 108) }
```

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

Here you see how a box with a 4 pixel rgb(174, 2, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 2, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 2, 108);  
box-shadow:4px 4px 4px 4px rgb(174, 2,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 66.065, 351.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 2, 108) }
```

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

```
.background{ background-color: rgb(174, 2,  
108) }
```

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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