

Converting Colors

CIELCh(38, 66.835, 327.797)

Have a look what the booklet for
CIELCh(38, 66.835, 327.797)
contains.

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Color

CIELCh(38, 66.673, 327.765)

Conversions

Conversions Part 1

Format	Color
Hex	942A94
RGB	148, 42, 148
RGB Percent	58%, 16%, 58%
CMY	0.4196, 0.8353, 0.4196
CMYK	0.00, 0.72, 0.00, 0.42
HSL	300°, 56%, 37%
HSV	300°, 72%, 58%
XYZ	18.3832, 10.0881, 28.9911
YIQ	85.7780, 29.1500, 55.4380

Conversions

Conversions Part 2

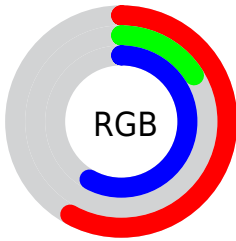
Format	Color
R_{YB}	148, 42, 148
Decimal	9710228
CIE _{Lab}	38.00, 56.40, -35.56
CIE _{LCh}	38, 66.673, 327.765
Yxy	10.0881, 0.3199, 0.1756
Android (android.graphics.Color)	4287900308 (0xFF942A94)
YUV	85.7780, 30.6754, 54.5687
Hunter-Lab	31.7617, 47.7302, -31.8850

Details

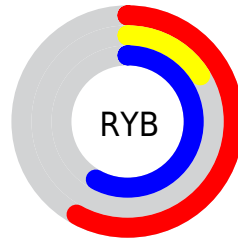
The CIELCh color $[38, 66.673, 327.765]$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $[54, 67.859, 138.127]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[58, 66.822, 327.681]$, and $[21, 57.038, 326.709]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 71.868, 328.002]$, and if you desaturate by 10%, it is $[40, 59.786, 327.445]$.

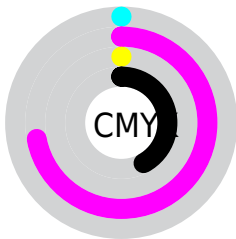
Distribution



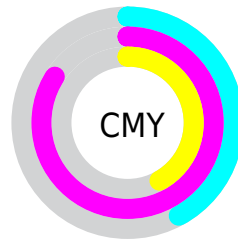
- Red (58%)
- Green (16%)
- Blue (58%)



- Red (58%)
- Yellow (16%)
- Blue (58%)



- Cyan (0%)
- Magenta (72%)
- Yellow (0%)
- Black (42%)





- Cyan (42%)
- Magenta (84%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 66.673, 327.765 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, 66.673, 327.765 by changing the saturation by 10% instead.


 38, 66.673,
327.765


 38, 66.673,
327.765

 100, 66.673,
327.765


 28, 66.673,
327.765

 58, 66.673,
327.765


 18, 66.673,
327.765


 68, 66.673,
327.765

 8, 66.673, 327.765

 78, 66.673,
327.765

 0, 66.673, 327.765

 88, 66.673,
327.765

 98, 66.673,
327.765

■ 38, 66.673,
327.765

■ 38, 66.673,
327.765

■ 36, 71.868,
328.002

■ 40, 59.786,
327.445

■ 35, 75.208,
328.152

■ 43, 51.535,
327.051

■ 35, 77.027,
328.233

■ 46, 42.293,
326.600

■ 49, 32.418,
326.106

■ 53, 22.212,
325.584

■ 57, 11.904,
325.044

■ 61, 1.657, 324.404

■ 65, 8.420, 144.029

■ 69, 18.259,
143.507

Harmonies

Complementary

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



38, 66.673, 327.765



54, 67.859, 138.127

Rectangle

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



38, 66.673, 327.765



38, 66.673, 17.765



38, 66.673, 147.765



38, 66.673, 197.765

Sweetspot

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



38, 66.671, 327.765



67, 26.588, 325.573



25, 68.106, 301.782



34, 18.139, 325.705



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



38, 66.671, 327.765



47, 89.575, 328.104



36, 49.026, 352.659



29, 5.775, 324.911



32, 73.087, 328.233



1, 5.023, 324.439

Inverse Universe

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



38, 66.671, 327.765



47, 89.575, 328.104



55, 46.825, 155.227



29, 5.775, 324.911



32, 73.087, 328.233



1, 5.023, 324.439

Previews

White Background



This preview shows how the CIELCh color 38, 66.673, 327.765 looks on a white background.

Color Contrast Check

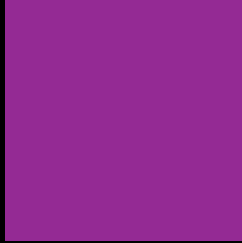
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.673, 327.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

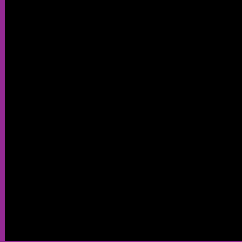
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 38, 66.673, 327.765

Background



This preview shows how black text looks on a background with the CIELCh color 38, 66.673, 327.765.



This preview shows how white text looks on a background with the CIELCh color 38, 66.673, 327.765.

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, 32.600, 19.899

Trichromacy



Original Color
38, 66.673, 327.765

Protanomaly
35, 62.497, 296.053

Deuteranomaly
36, 44.494, 305.699

Tritanomaly
37, 40.361, 350.487

Monochromacy



Original Color
38, 66.673, 327.765

Achromatopsia
37, 0.005, 296.813

Achromatomaly
35, 28.490, 326.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 66.673, 327.765 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(148, 42, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 42, 148)  
}
```

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(148, 42, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 42, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 66.673, 327.765 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(148, 42, 148) }
```

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

```
.border{ border-color:rgb(148, 42, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 42, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 42, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 42, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 42,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 66.673, 327.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 42, 148) }
```

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

```
.background{ background-color: rgb(148, 42,  
148) }
```

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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