

Converting Colors

CIELCh(14, 87.156, 327.479)

Have a look what the booklet for
CIELCh(14, 87.156, 327.479)
contains.

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Color

CIELCh(22, 60.088, 325.038)

Conversions

Conversions Part 1

Format	Color
Hex	600169
RGB	96, 1, 105
RGB Percent	38%, 0%, 41%
CMY	0.6243, 0.9955, 0.5892
CMYK	0.09, 0.99, 0.00, 0.59
HSL	295°, 98%, 21%
HSV	295°, 99%, 41%
XYZ	7.3518, 3.5154, 13.5898
YIQ	41.2610, 23.2360, 52.4840

Conversions

Conversions Part 2

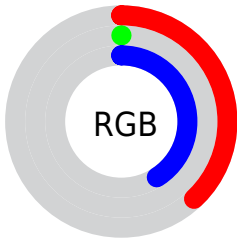
Format	Color
R_YB	96, 1, 105
Decimal	6291817
CIE Lab	22.00, 49.24, -34.43
CIE LCh	22, 60.088, 325.038
Yxy	3.5154, 0.3006, 0.1437
Android (android.graphics.Color)	4284481897 (0xFF600169)
YUV	41.2610, 31.4233, 48.0061
Hunter-Lab	18.7494, 37.1798, -29.8495

Details

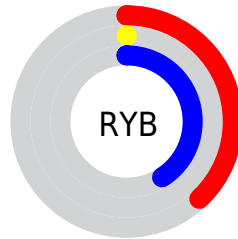
The CIELCh color **22, 60.088, 325.038** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **38, 61.355, 135.409**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **42, 60.121, 325.039**, and **8, 40.317, 322.442** is the 20% darker color. If you saturate the color by 10%, you get **22, 60.395, 325.036**, and if you desaturate by 10%, it is **23, 57.376, 325.072**.

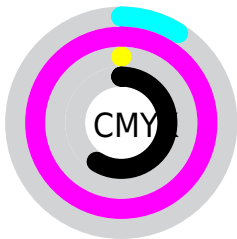
Distribution



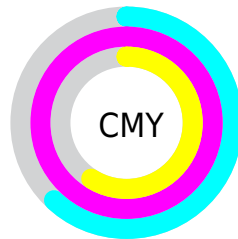
- Red (38%)
- Green (0%)
- Blue (41%)



- Red (38%)
- Yellow (0%)
- Blue (41%)



- Cyan (9%)
- Magenta (99%)
- Yellow (0%)
- Black (59%)





- Cyan (62%)
- Magenta (100%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 60.088, 325.038 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 22, 60.088, 325.038 by changing the saturation by 10% instead.

 22, 60.088,
325.038


 22, 60.088,
325.038

 100, 60.088,
325.038


 12, 60.088,
325.038


 42, 60.088,
325.038


 2, 60.088, 325.038

 52, 60.088,
325.038

 0, 60.088, 325.038

 62, 60.088,
325.038

 72, 60.088,
325.038

 82, 60.088,
325.038

 92, 60.088,

325.038

■ 22, 60.088,
325.038

■ 22, 60.088,
325.038

■ 22, 60.395,
325.036

■ 23, 57.376,
325.072

■ 24, 53.840,
325.033

■ 26, 49.018,
324.872

■ 28, 43.137,
324.608

■ 30, 36.476,
324.263

■ 33, 29.300,
323.861

■ 36, 21.834,
323.421

■ 39, 14.249,
322.959

■ 42, 6.673, 322.482

Harmonies

Complementary

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



22, 60.088, 325.038



38, 61.355, 135.409

Rectangle

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



22, 60.088, 325.038



22, 60.088, 15.038



22, 60.088, 145.038



22, 60.088, 195.038

Sweetspot

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



22, 60.087, 325.038



45, 27.936, 323.507



11, 63.537, 303.823



22, 19.196, 323.645



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



22, 60.087, 325.038



29, 72.485, 324.951



21, 45.679, 350.928



21, 4.291, 322.486



25, 65.452, 324.996



54, 112.678, 324.810

Inverse Universe

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



20, 49.431, 32.679



27, 61.437, 35.241



38, 49.182, 146.102



21, 2.560, 12.849



23, 54.745, 34.079



51, 97.764, 37.228

Previews

White Background



This preview shows how the CIELCh color 22, 60.088, 325.038 looks on a white background.

Color Contrast Check

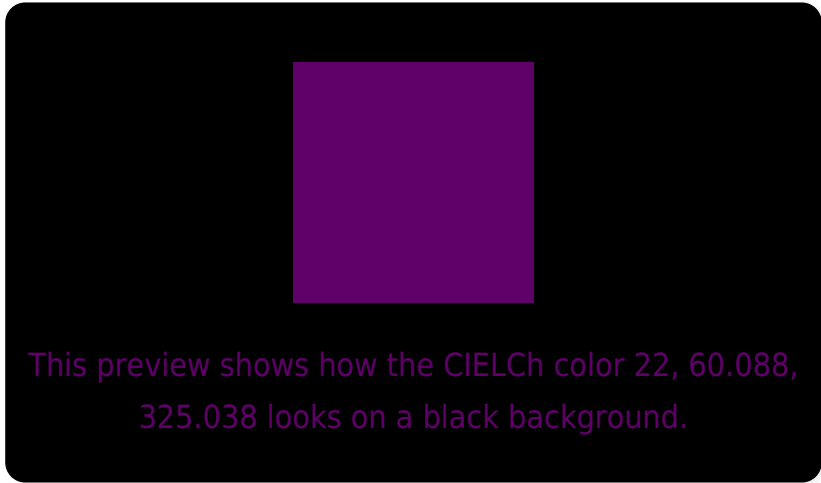
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

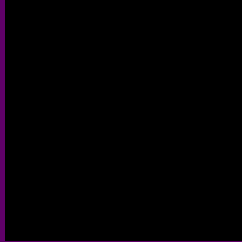
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 60.088, 325.038

Background



This preview shows how black text looks on a background with the CIELCh color 22, 60.088, 325.038.



This preview shows how white text looks on a background with the CIELCh color 22, 60.088, 325.038.

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

22, 60.228, 325.036

Protanopia

23, 40.821, 284.910

Deuteranopia

24, 28.138, 276.223



Tritanopia
23, 23.420, 20.312

Trichromacy



Original Color
22, 60.228, 325.036

Protanomaly
19, 51.188, 300.687

Deuteranomaly
20, 42.655, 303.247

Tritanomaly
22, 34.823, 344.715

Monochromacy



Original Color
22, 60.228, 325.036

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 28.463, 324.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 60.088, 325.038 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(96, 1, 105)` looks like.

```
.text, #text, p{  
    color:rgb(96, 1, 105)  
}
```

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(96, 1, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 1, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 60.088, 325.038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

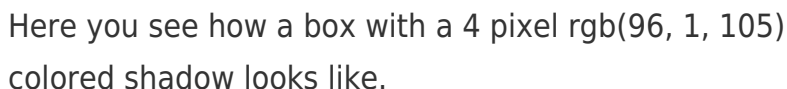
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 1, 105) }
```

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

```
.border{ border-color:rgb(96, 1, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 1, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 1, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 1, 105);  
box-shadow:4px 4px 4px 4px rgb(96, 1, 105)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 60.088, 325.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 1, 105) }
```

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

```
.background{ background-color: rgb(96, 1,  
105) }
```

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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