

Converting Colors

CIELCh(21, 61.622, 323.323)

Have a look what the booklet for
CIELCh(21, 61.622, 323.323)
contains.

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Color

CIELCh(21, 61.221, 323.068)

Conversions

Conversions Part 1

Format	Color
Hex	5B006A
RGB	91, 0, 106
RGB Percent	36%, 0%, 42%
CMY	0.6439, 1.0000, 0.5850
CMYK	0.14, 1.00, 0.00, 0.59
HSL	291°, 100%, 21%
HSV	291°, 100%, 41%
XYZ	6.8841, 3.2451, 13.8481
YIQ	39.2930, 20.2100, 52.2580

Conversions

Conversions Part 2

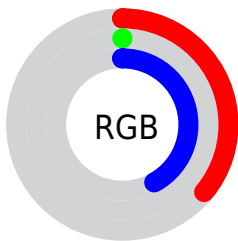
Format	Color
RYB	91, 0, 106
Decimal	5963882
CIELab	21.00, 48.94, -36.79
CIElCh	21, 61.221, 323.068
Yxy	3.2451, 0.2871, 0.1353
Android (android.graphics.Color)	4284153962 (0xFF5B006A)
YUV	39.2930, 32.8866, 45.3470
Hunter-Lab	18.0142, 36.6881, -32.9680

Details

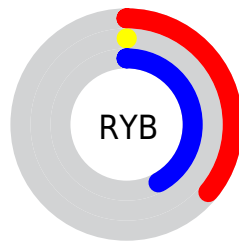
The CIELCh color **21, 61.221, 323.068** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **39, 61.722, 134.827**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **41, 61.299, 323.208**, and **7, 41.118, 319.837** is the 20% darker color. If you saturate the color by 10%, you get **21, 61.146, 323.058**, and if you desaturate by 10%, it is **22, 58.253, 323.180**.

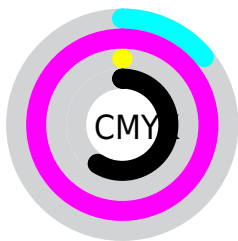
Distribution



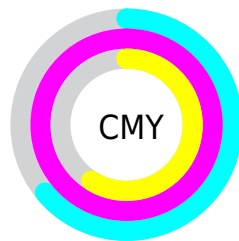
- Red (36%)
- Green (0%)
- Blue (42%)



- Red (36%)
- Yellow (0%)
- Blue (42%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)





- Cyan (64%)
- Magenta (100%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 61.221, 323.068 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 21, 61.221, 323.068 by changing the saturation by 10% instead.

 21, 61.221,
323.068


 21, 61.221,
323.068

 100, 61.221,
323.068


 11, 61.221,
323.068


 41, 61.221,
323.068


 1, 61.221, 323.068

 51, 61.221,
323.068

 0, 61.221, 323.068

 61, 61.221,
323.068

 71, 61.221,
323.068

 81, 61.221,
323.068

 91, 61.221,

323.068

■ 21, 61.221,
323.068

■ 21, 61.221,
323.068

■ 21, 61.146,
323.058

■ 22, 58.253,
323.180

■ 24, 54.685,
323.237

■ 25, 49.809,
323.144

■ 27, 43.877,
322.928

■ 30, 37.180,
322.618

■ 33, 29.992,
322.243

■ 35, 22.535,
321.828

■ 38, 14.980,
321.390

■ 42, 7.443, 320.939

Harmonies

Complementary

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



21, 61.221, 323.068



39, 61.722, 134.827

Rectangle

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



21, 61.221, 323.068



21, 61.221, 13.068



21, 61.221, 143.068



21, 61.221, 193.068

Sweetspot

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



21, 61.146, 323.058



46, 27.976, 321.864



12, 61.778, 302.680



21, 18.942, 321.992



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



21, 61.146, 323.058



29, 73.881, 322.919



22, 47.387, 347.350



21, 4.221, 320.892



24, 65.804, 323.000



52, 113.341, 322.705

Inverse Universe

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



20, 48.998, 30.263



28, 60.270, 32.157



39, 52.087, 143.973



21, 2.589, 8.451



23, 53.195, 31.198



51, 94.565, 34.379

Previews

White Background



This preview shows how the CIELCh color 21, 61.221, 323.068 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 21, 61.221, 323.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

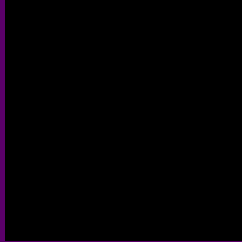
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 61.221, 323.068

Background



This preview shows how black text looks on a background with the CIELCh color 21, 61.221, 323.068.



This preview shows how white text looks on a background with the CIELCh color 21, 61.221, 323.068.

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

21, 61.221, 323.068

Protanopia

22, 39.731, 284.821

Tritanopia

22, 20.964, 19.128

Trichromacy

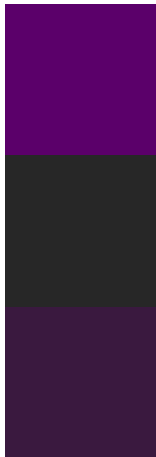


Original Color
21, 61.221, 323.068

Protanomaly
18, 51.417, 300.921

Tritanomaly
20, 34.247, 341.357

Monochromacy



Original Color
21, 61.221, 323.068

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 28.964, 323.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 61.221, 323.068 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(91, 0, 106)` looks like.

```
.text, #text, p{  
    color:rgb(91, 0, 106)  
}
```

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(91, 0, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 0, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 61.221, 323.068 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(91, 0, 106) }
```

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

```
.border{ border-color:rgb(91, 0, 106) }
```

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

Here you see how a box with a 4 pixel rgb(91, 0, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 0, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 0, 106);  
box-shadow:4px 4px 4px 4px rgb(91, 0, 106)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 61.221, 323.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 0, 106) }
```

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

```
.background{ background-color: rgb(91, 0,  
106) }
```

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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