

Converting Colors

CIELCh(21, 54.928, 329.085)

Have a look what the booklet for
CIELCh(21, 54.928, 329.085)
contains.

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Color

CIELCh(21, 54.970, 329.018)

Conversions

Conversions Part 1

Format	Color
Hex	5F015D
RGB	95, 1, 93
RGB Percent	37%, 0%, 36%
CMY	0.6274, 0.9960, 0.6353
CMYK	0.00, 0.99, 0.02, 0.63
HSL	301°, 98%, 19%
HSV	301°, 99%, 37%
XYZ	6.7063, 3.2451, 10.6293
YIQ	39.5940, 26.4920, 48.5400

Conversions

Conversions Part 2

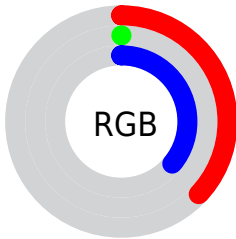
Format	Color
R_{YB}	95, 1, 93
Decimal	6226269
CIE _{Lab}	21.00, 47.13, -28.30
CIE _{LCh}	21, 54.970, 329.018
Yxy	3.2451, 0.3259, 0.1577
Android (android.graphics.Color)	4284416349 (0xFF5F015D)
YUV	39.5940, 26.3292, 48.5911
Hunter-Lab	18.0142, 34.9268, -22.3743

Details

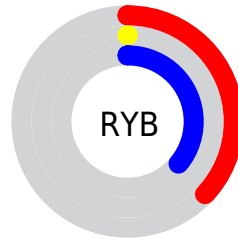
The CIELCh color **21, 54.970, 329.018** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34, 57.298, 136.474**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **41, 54.855, 329.106**, and **7, 35.176, 328.206** is the 20% darker color. If you saturate the color by 10%, you get **21, 55.239, 329.040**, and if you desaturate by 10%, it is **22, 52.492, 328.810**.

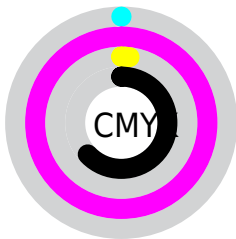
Distribution



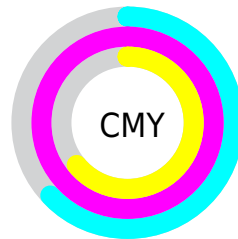
- Red (37%)
- Green (0%)
- Blue (36%)



- Red (37%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (99%)
- Yellow (2%)
- Black (63%)



- Cyan (63%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 21, 54.970, 329.018 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, 54.970, 329.018 by changing the saturation by 10% instead.

21, 54.970,
329.018

21, 54.970,
329.018

100, 54.970,
329.018

11, 54.970,
329.018

41, 54.970,
329.018

1, 54.970, 329.018

51, 54.970,
329.018

0, 54.970, 329.018

61, 54.970,
329.018

71, 54.970,
329.018

81, 54.970,
329.018

91, 54.970,

329.018

■ 21, 54.970,
329.018

■ 21, 54.970,
329.018

■ 21, 55.239,
329.040

■ 22, 52.492,
328.810

■ 23, 49.392,
328.565

■ 24, 45.118,
328.252

■ 26, 39.846,
327.877

■ 28, 33.807,
327.450

■ 30, 27.240,
326.982

■ 33, 20.354,
326.486

■ 35, 13.318,
325.973

■ 38, 6.260, 325.446

Harmonies

Complementary

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



21, 54.970, 329.018



34, 57.298, 136.474

Rectangle

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



21, 54.970, 329.018



21, 54.970, 19.018



21, 54.970, 149.018



21, 54.970, 199.018

Sweetspot

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



21, 54.969, 329.018



41, 25.978, 326.585



8, 64.133, 306.185



19, 17.537, 326.721



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



21, 54.969, 329.018



28, 66.059, 329.065



19, 41.032, 0.235



18, 3.992, 325.444



26, 62.087, 329.057



57, 108.427, 329.110

Inverse Universe

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



21, 54.969, 329.018



28, 66.059, 329.065



35, 40.826, 151.800



18, 3.992, 325.444



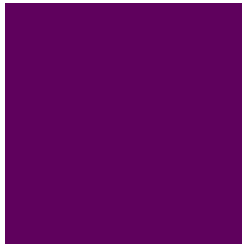
26, 62.087, 329.057



57, 108.427, 329.110

Previews

White Background



This preview shows how the CIE LCh color 21, 54.970, 329.018 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 CIE LCh color 21, 54.970, 329.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

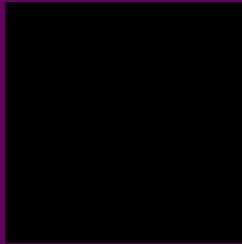
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 54.970, 329.018

Background



This preview shows how black text looks on a background with the CIELCh color 21, 54.970, 329.018.



This preview shows how white text looks on a background with the CIELCh color 21, 54.970, 329.018.

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, 54.970, 329.018

Protanopia

22, 39.731, 284.821

Deuteranopia

23, 22.602, 278.488



Tritanopia
22, 26.310, 23.235

Trichromacy



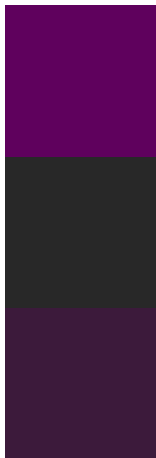
Original Color
21, 54.970, 329.018

Protanomaly
18, 48.277, 301.033

Deuteranomaly
19, 37.225, 308.646

Tritanomaly
21, 34.396, 350.745

Monochromacy



Original Color
21, 54.970, 329.018

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 26.384, 327.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 54.970, 329.018 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(95, 1, 93)` looks like.

```
.text, #text, p{  
    color:rgb(95, 1, 93)  
}
```

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(95, 1, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 1, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 54.970, 329.018 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(95, 1, 93) }
```

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

```
.border{ border-color:rgb(95, 1, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 1, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 1, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 1, 93); box-shadow:4px  
4px 4px 4px rgb(95, 1, 93) }
```

Background

The CSS property to change the background color of an element to CIELCh 21, 54.970, 329.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 1, 93) }
```

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

```
.background{ background-color: rgb(95, 1,  
93) }
```

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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