

Converting Colors

CIELCh(21, 54.495, 329.236)

Have a look what the booklet for
CIELCh(21, 54.495, 329.236)
contains.

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Color

CIELCh(21, 54.265, 329.421)

Conversions

Conversions Part 1

Format	Color
Hex	5F025C
RGB	95, 2, 92
RGB Percent	37%, 1%, 36%
CMY	0.6276, 0.9923, 0.6394
CMYK	0.00, 0.98, 0.03, 0.63
HSL	302°, 96%, 19%
HSV	302°, 98%, 37%
XYZ	6.6665, 3.2451, 10.3919
YIQ	40.0670, 26.5380, 47.7060

Conversions

Conversions Part 2

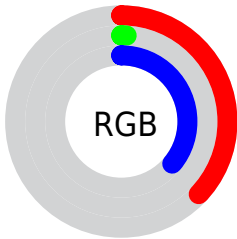
Format	Color
R_{YB}	95, 2, 92
Decimal	6226524
CIE _{Lab}	21.00, 46.72, -27.61
CIE _{LCh}	21, 54.265, 329.421
Yxy	3.2451, 0.3283, 0.1598
Android (android.graphics.Color)	4284416604 (0xFF5F025C)
YUV	40.0670, 25.6030, 48.1762
Hunter-Lab	18.0142, 34.5328, -21.5929

Details

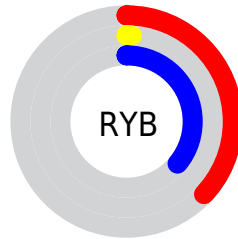
The CIELCh color **21, 54.265, 329.421** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34, 56.722, 136.735**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **41, 54.430, 329.489**, and **7, 34.671, 328.913** is the 20% darker color. If you saturate the color by 10%, you get **21, 54.780, 329.470**, and if you desaturate by 10%, it is **22, 51.822, 329.184**.

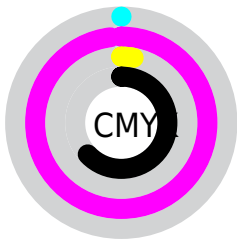
Distribution



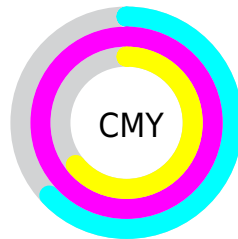
- Red (37%)
- Green (1%)
- Blue (36%)



- Red (37%)
- Yellow (1%)
- Blue (36%)



- Cyan (0%)
- Magenta (98%)
- Yellow (3%)
- Black (63%)





- Cyan (63%)
- Magenta (99%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 54.265, 329.421 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, 54.265, 329.421 by changing the saturation by 10% instead.

 21, 54.265,
329.421


 21, 54.265,
329.421

 100, 54.265,
329.421


 11, 54.265,
329.421


 41, 54.265,
329.421


 1, 54.265, 329.421

 51, 54.265,
329.421

 0, 54.265, 329.421

 61, 54.265,
329.421

 71, 54.265,
329.421

 81, 54.265,
329.421

 91, 54.265,

329.421

■ 21, 54.265,
329.421

■ 21, 54.265,
329.421

■ 21, 54.780,
329.470

■ 22, 51.822,
329.184

■ 23, 48.638,
328.906

■ 24, 44.294,
328.567

■ 26, 38.977,
328.171

■ 28, 32.921,
327.728

■ 30, 26.363,
327.249

■ 33, 19.507,
326.745

■ 35, 12.518,
326.226

■ 38, 5.517, 325.693

Harmonies

Complementary

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



21, 54.265, 329.421



34, 56.722, 136.735

Rectangle

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



21, 54.265, 329.421



21, 54.265, 19.421



21, 54.265, 149.421



21, 54.265, 199.421

Sweetspot

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



21, 54.264, 329.421



42, 24.936, 326.843



8, 63.466, 306.000



19, 16.933, 326.986



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, 54.264, 329.421



28, 65.514, 329.508



19, 40.806, 359.960



18, 3.962, 325.745



25, 61.579, 329.495



56, 107.485, 329.578

Inverse Universe

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



21, 54.264, 329.421



28, 65.514, 329.508



35, 40.528, 151.967



18, 3.962, 325.745



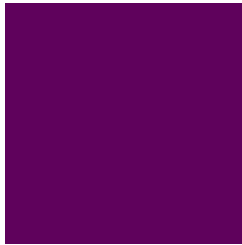
25, 61.579, 329.495



56, 107.485, 329.578

Previews

White Background



This preview shows how the CIE LCh color 21, 54.265, 329.421 looks on a white background.

Color Contrast Check

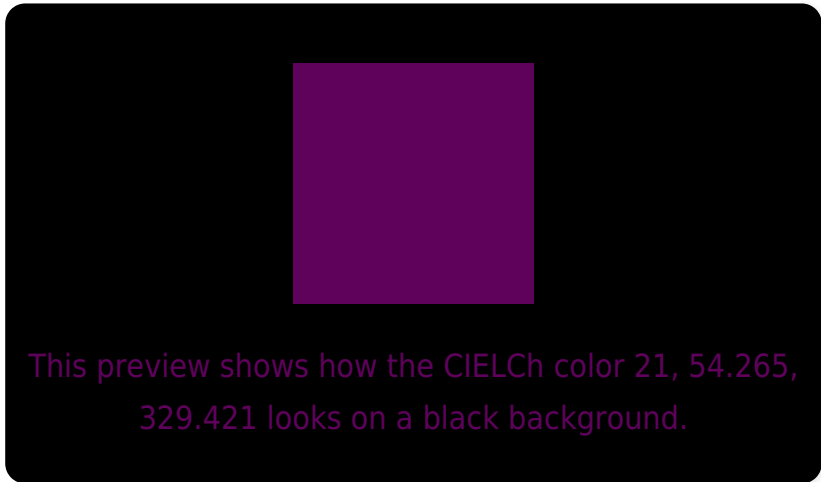
Large Text (above 18pt) WCAG AA ✓ Pass

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

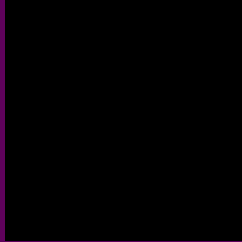
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 54.265, 329.421

Background



This preview shows how black text looks on a background with the CIELCh color 21, 54.265, 329.421.



This preview shows how white text looks on a background with the CIELCh color 21, 54.265, 329.421.

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, 54.265, 329.421

Protanopia

22, 39.118, 284.378

Deuteranopia

23, 21.921, 278.425



Tritanopia
22, 26.881, 23.537

Trichromacy



Original Color
21, 54.265, 329.421

Protanomaly
18, 46.945, 300.515

Deuteranomaly
19, 36.627, 309.370

Tritanomaly
21, 34.168, 351.761

Monochromacy



Original Color
21, 54.265, 329.421

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, 54.265, 329.421 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, 2, 92)` looks like.

```
.text, #text, p{  
    color:rgb(95, 2, 92)  
}
```

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, 2, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 2, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 54.265, 329.421 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, 2, 92) }
```

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

```
.border{ border-color:rgb(95, 2, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 2, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 2, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 2, 92); box-shadow:4px  
4px 4px 4px rgb(95, 2, 92) }
```

Background

The CSS property to change the background color of an element to CIELCh 21, 54.265, 329.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 2, 92) }
```

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

```
.background{ background-color: rgb(95, 2,  
92) }
```

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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