

Converting Colors

CIELCh(21, 9.049, 74.029)

Have a look what the booklet for
CIELCh(21, 9.049, 74.029) contains.

CIELCh(21, 9.052, 74.051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(21, 9.052, 74.051)

Conversions

Conversions Part 1

Format	Color
Hex	3B3126
RGB	59, 49, 38
RGB Percent	23%, 19%, 15%
CMY	0.7693, 0.8085, 0.8516
CMYK	0.00, 0.17, 0.36, 0.77
HSL	31°, 22%, 19%
HSV	31°, 36%, 23%
XYZ	3.2310, 3.2451, 2.2755
YIQ	50.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

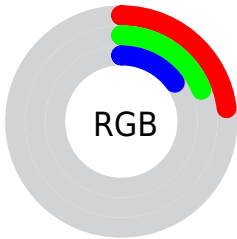
Format	Color
RYB	57, 59, 38
Decimal	3879206
CIELab	21.00, 2.49, 8.70
CIElCh	21, 9.052, 74.051
Yxy	3.2451, 0.3692, 0.3708
Android (android.graphics.Color)	4282069286 (0xFF3B3126)
YUV	50.7360, -6.2788, 7.2475
Hunter-Lab	18.0142, 0.4902, 5.1206

Details

The CIELCh color **21, 9.052, 74.051** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19, 8.420, 262.875**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **41, 9.032, 72.795**, and **1, 2.907, 35.508** is the 20% darker color. If you saturate the color by 10%, you get **20, 11.805, 72.933**, and if you desaturate by 10%, it is **22, 6.395, 75.166**.

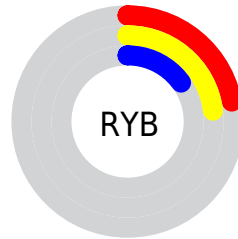
Distribution



Red (23%)

Green (19%)

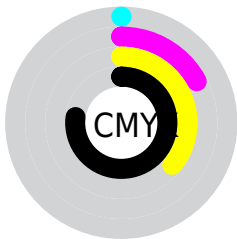
Blue (15%)



Red (22%)

Yellow (23%)

Blue (15%)

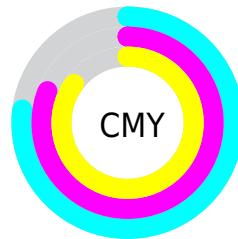


Cyan (0%)

Magenta (17%)

Yellow (36%)

Black (77%)



Cyan (77%)

Magenta (81%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 21, 9.052, 74.051 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, 9.052, 74.051 by changing the saturation by 10% instead.

■ 21, 9.052, 74.051 ■ 21, 9.052, 74.051

■ 100, 9.052, 74.051 ■ 11, 9.052, 74.051

■ 41, 9.052, 74.051 ■ 1, 9.052, 74.051

■ 51, 9.052, 74.051 ■ 0, 9.052, 74.051

■ 61, 9.052, 74.051

■ 71, 9.052, 74.051

■ 81, 9.052, 74.051

■ 91, 9.052, 74.051

■ 21, 9.052, 74.051 ■ 21, 9.052, 74.051

■ 20, 11.805, 72.933 ■ 22, 6.395, 75.166

■ 19, 14.644, 71.792

■ 23, 3.833, 76.250

■ 18, 17.548, 70.625

■ 24, 1.362, 77.259

■ 17, 20.201, 69.122

■ 25, 1.024, 258.567

■ 16, 22.155, 66.889

■ 26, 3.330, 259.494

■ 15, 23.950, 64.755

■ 27, 5.566, 260.473

■ 15, 24.733, 63.943

■ 29, 7.737, 261.429

■ 30, 9.849, 262.354

■ 31, 11.909,
263.245

Harmonies

Complementary

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



21, 9.052, 74.051



19, 8.420, 262.875

Rectangle

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



21, 9.052, 74.051



21, 9.052, 124.051



21, 9.052, 254.051



21, 9.052, 304.051

Sweetspot

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



21, 9.052, 74.058



31, 3.322, 76.688



18, 12.088, 347.486



14, 2.192, 76.660



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



21, 9.052, 74.058



27, 13.821, 73.010



24, 13.671, 107.948



11, 1.384, 76.994



26, 39.603, 64.684



60, 76.184, 62.118

Inverse Universe

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



19, 8.420, 262.875



24, 12.587, 264.627



16, 14.736, 294.522



11, 1.366, 258.988



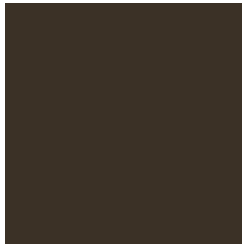
19, 34.255, 283.148



46, 69.015, 286.895

Previews

White Background



This preview shows how the CIELCh color 21, 9.052, 74.051 looks on a white background.

Color Contrast Check

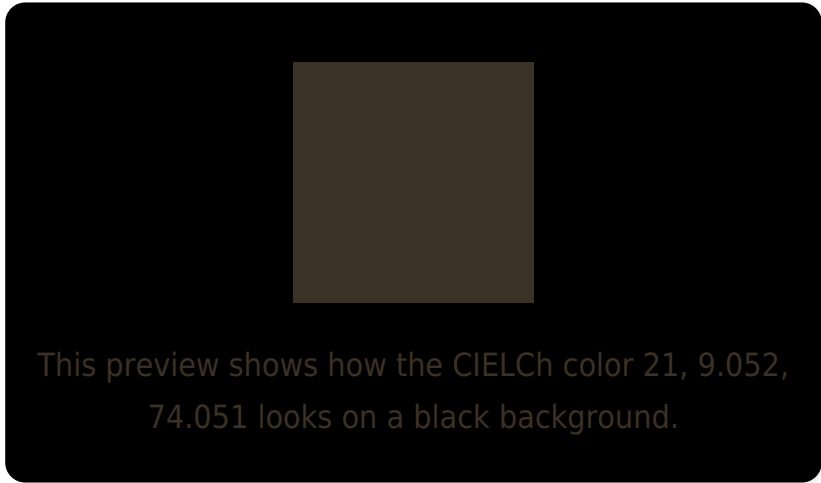
Large Text (above 18pt) WCAG AA ✓ Pass

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

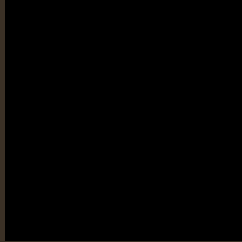
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 9.052, 74.051

Background



This preview shows how black text looks on a background with the CIELCh color 21, 9.052, 74.051.



This preview shows how white text looks on a background with the CIELCh color 21, 9.052, 74.051.

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, 9.052, 74.051

Protanopia

21, 8.182, 97.678

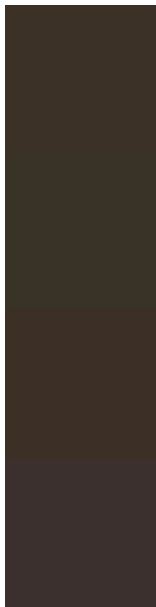
Deuteranopia

21, 9.204, 66.671



Tritanopia
21, 6.718, 357.296

Trichromacy



Original Color
21, 9.052, 74.051

Protanomaly
21, 8.004, 86.186

Deuteranomaly
21, 9.204, 66.671

Tritanomaly
21, 6.040, 33.322

Monochromacy



Original Color
21, 9.052, 74.051

Achromatopsia
21, 0.004, 296.813

Achromatomaly
21, 3.310, 73.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 9.052, 74.051 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(59, 49, 38)` looks like.

```
.text, #text, p{  
    color:rgb(59, 49, 38)  
}
```

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(59, 49, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 49, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 9.052, 74.051 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(59, 49, 38) }
```

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

```
.border{ border-color:rgb(59, 49, 38) }
```

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

Here you see how a box with a 4 pixel rgb(59, 49, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 49, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 49, 38);  
box-shadow:4px 4px 4px 4px rgb(59, 49, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 9.052, 74.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 49, 38) }
```

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

```
.background{ background-color: rgb(59, 49,  
38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor