

Converting Colors

CIELCh(21, 28.694, 4.383)

Have a look what the booklet for
CIELCh(21, 28.694, 4.383) contains.

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Color

CIELCh(21, 28.694, 4.383)

Conversions

Conversions Part 1

Format	Color
Hex	581E30
RGB	88, 30, 48
RGB Percent	35%, 12%, 19%
CMY	0.6538, 0.8813, 0.8108
CMYK	0.00, 0.66, 0.45, 0.65
HSL	341°, 49%, 23%
HSV	341°, 66%, 35%
XYZ	5.0599, 3.2451, 3.1814
YIQ	49.3940, 28.7900, 17.8940

Conversions

Conversions Part 2

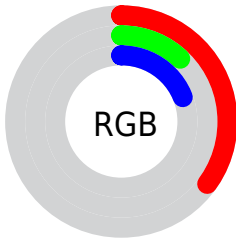
Format	Color
R_{YB}	88, 30, 48
Decimal	5774896
CIE _{Lab}	21.00, 28.61, 2.19
CIE _{LCh}	21, 28.694, 4.383
Yxy	3.2451, 0.4405, 0.2825
Android (android.graphics.Color)	4283964976 (0xFF581E30)
YUV	49.3940, -0.6872, 33.8575
Hunter-Lab	18.0142, 18.6132, 2.1391

Details

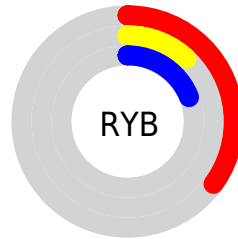
The CIELCh color **21, 28.694, 4.383** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33, 24.231, 168.344**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **41, 29.077, 4.039**, and **5, 21.720, 18.671** is the 20% darker color. If you saturate the color by 10%, you get **19, 32.396, 7.062**, and if you desaturate by 10%, it is **23, 24.547, 2.226**.

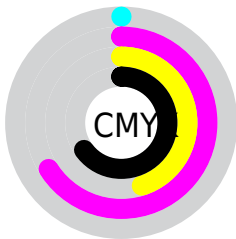
Distribution



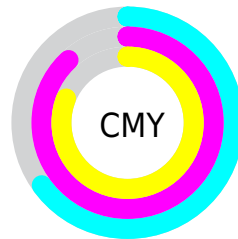
- Red (35%)
- Green (12%)
- Blue (19%)



- Red (35%)
- Yellow (12%)
- Blue (19%)



- Cyan (0%)
- Magenta (66%)
- Yellow (45%)
- Black (65%)



- Cyan (65%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 28.694, 4.383 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, 28.694, 4.383 by changing the saturation by 10% instead.

 21, 28.694, 4.383  21, 28.694, 4.383

 100, 28.694, 4.383  11, 28.694, 4.383

 41, 28.694, 4.383  1, 28.694, 4.383

 51, 28.694, 4.383  0, 28.694, 4.383

 61, 28.694, 4.383

 71, 28.694, 4.383

 81, 28.694, 4.383

 91, 28.694, 4.383

 21, 28.694, 4.383  21, 28.694, 4.383

 19, 32.396, 7.062  23, 24.547, 2.226

18, 35.505, 10.393

25, 20.136, 0.461

17, 38.231, 14.144

28, 15.616,
358.993

16, 39.520, 15.596

30, 11.103,
357.747

33, 6.678, 356.664

36, 2.387, 355.660

39, 1.743, 175.093

42, 5.704, 174.248

44, 9.498, 173.560

Harmonies

Complementary

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



21, 28.694, 4.383



33, 24.231, 168.344

Rectangle

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



21, 28.694, 4.383



21, 28.694, 54.383



21, 28.694, 184.383



21, 28.694, 234.383

Sweetspot

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



21, 28.692, 4.385



41, 10.632, 357.180



20, 40.424, 317.602



20, 7.333, 357.376



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



21, 28.692, 4.385



25, 41.229, 8.924



23, 26.838, 39.267



16, 2.312, 355.969



21, 45.475, 17.096



50, 82.352, 21.172

Inverse Universe

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



21, 28.692, 4.385



25, 41.229, 8.924



30, 16.571, 221.913



16, 2.312, 355.969



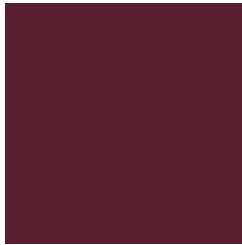
21, 45.475, 17.096



50, 82.352, 21.172

Previews

White Background



This preview shows how the CIE LCh color 21, 28.694, 4.383 looks on a white background.

Color Contrast Check

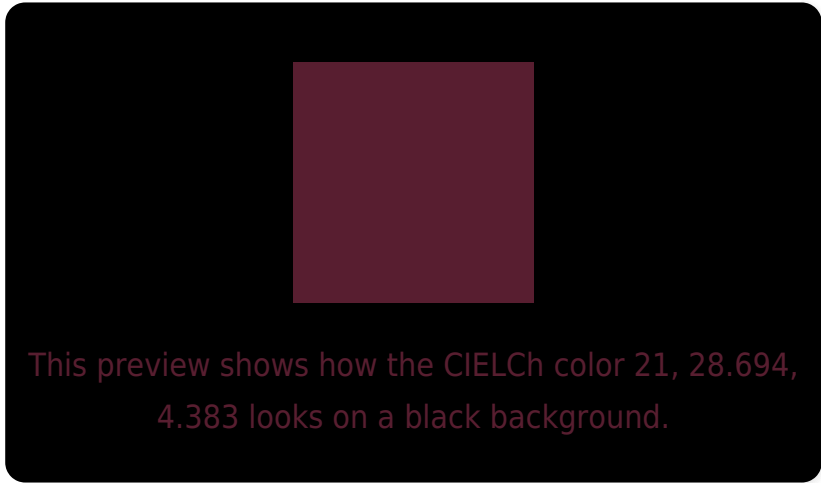
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.694, 4.383

Background



This preview shows how black text looks on a background with the CIELCh color 21, 28.694, 4.383.



This preview shows how white text looks on a background with the CIELCh color 21, 28.694, 4.383.

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, 28.694, 4.383

Protanopia

21, 6.078, 287.471

Deuteranopia

22, 5.573, 56.856



Tritanopia
21, 27.619, 24.124

Trichromacy



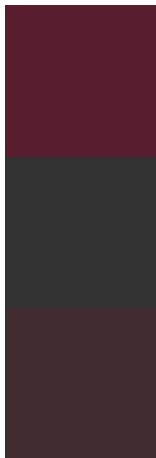
Original Color
21, 28.694, 4.383

Protanomaly
20, 12.991, 340.041

Deuteranomaly
21, 13.415, 14.012

Tritanomaly
21, 27.363, 16.373

Monochromacy



Original Color
21, 28.694, 4.383

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 10.821, 0.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 28.694, 4.383 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(88, 30, 48)` looks like.

```
.text, #text, p{  
    color:rgb(88, 30, 48)  
}
```

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(88, 30, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 30, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 28.694, 4.383 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(88, 30, 48) }
```

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

```
.border{ border-color:rgb(88, 30, 48) }
```

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

Here you see how a box with a 4 pixel rgb(88, 30, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 30, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 30, 48);  
box-shadow:4px 4px 4px 4px rgb(88, 30, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 28.694, 4.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 30, 48) }
```

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

```
.background{ background-color: rgb(88, 30,  
48) }
```

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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