

Converting Colors

CIELCh(21, 33.859, 24.374)

Have a look what the booklet for
CIELCh(21, 33.859, 24.374) contains.

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Color

CIELCh(21, 33.727, 24.084)

Conversions

Conversions Part 1

Format	Color
Hex	5E1B20
RGB	94, 27, 32
RGB Percent	37%, 11%, 13%
CMY	0.6323, 0.8949, 0.8752
CMYK	0.00, 0.71, 0.66, 0.63
HSL	355°, 56%, 24%
HSV	355°, 71%, 37%
XYZ	5.2380, 3.2451, 1.7044
YIQ	47.6030, 38.3270, 15.7590

Conversions

Conversions Part 2

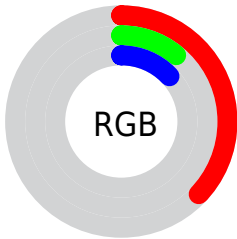
Format	Color
RYB	94, 27, 32
Decimal	6167328
CIELab	21.00, 30.79, 13.76
CIELCh	21, 33.727, 24.084
Yxy	3.2451, 0.5142, 0.3185
Android (android.graphics.Color)	4284357408 (0xFF5E1B20)
YUV	47.6030, -7.6923, 40.6902
Hunter-Lab	18.0142, 20.3775, 7.0004

Details

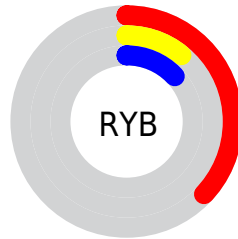
The CIELCh color **21, 33.727, 24.084** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36, 22.067, 188.354**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **41, 33.974, 23.841**, and **5, 23.178, 19.104** is the 20% darker color. If you saturate the color by 10%, you get **19, 38.497, 27.420**, and if you desaturate by 10%, it is **23, 28.721, 21.355**.

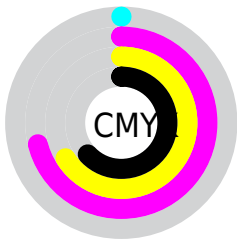
Distribution



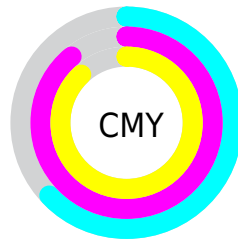
- Red (37%)
- Green (11%)
- Blue (13%)



- Red (37%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (71%)
- Yellow (66%)
- Black (63%)



- Cyan (63%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 21, 33.727, 24.084 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, 33.727, 24.084 by changing the saturation by 10% instead.

■ 21, 33.727, 24.084

■ 21, 33.727, 24.084

■ 100, 33.727,
24.084

■ 11, 33.727, 24.084

■ 41, 33.727, 24.084

■ 1, 33.727, 24.084

■ 51, 33.727, 24.084

■ 0, 33.727, 24.084

■ 61, 33.727, 24.084

■ 71, 33.727, 24.084

■ 81, 33.727, 24.084

■ 91, 33.727, 24.084

■ 21, 33.727, 24.084

■ 21, 33.727, 24.084

19, 38.497, 27.420

23, 28.721, 21.355

18, 42.652, 30.683

25, 23.634, 19.169

17, 45.563, 31.765

28, 18.603, 17.430

31, 13.731, 16.039

33, 9.083, 14.912

36, 4.693, 13.969

39, 0.568, 12.732

42, 3.298, 192.746

45, 6.922, 192.160

Harmonies

Complementary

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



21, 33.727, 24.084



36, 22.067, 188.354

Rectangle

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



21, 33.727, 24.084



21, 33.727, 74.084



21, 33.727, 204.084



21, 33.727, 254.084

Sweetspot

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



21, 33.725, 24.087



44, 11.094, 14.935



23, 46.130, 325.005



21, 7.478, 15.115



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, 33.725, 24.087



26, 50.389, 30.187



27, 28.497, 59.179



17, 2.242, 13.737



21, 52.013, 33.832



50, 95.929, 37.632

Inverse Universe

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



21, 33.725, 24.087



26, 50.389, 30.187



26, 20.919, 259.926



17, 2.242, 13.737



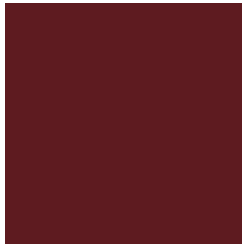
21, 52.013, 33.832



50, 95.929, 37.632

Previews

White Background



This preview shows how the CIE LCh color 21, 33.727, 24.084 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, 33.727, 24.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

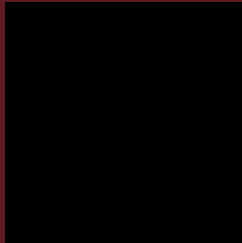
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 33.727, 24.084

Background



This preview shows how black text looks on a background with the CIELCh color 21, 33.727, 24.084.



This preview shows how white text looks on a background with the CIELCh color 21, 33.727, 24.084.

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, 33.727, 24.084

Protanopia

22, 6.850, 96.113

Deuteranopia

22, 16.589, 79.816



Tritanopia
21, 34.389, 27.241

Trichromacy



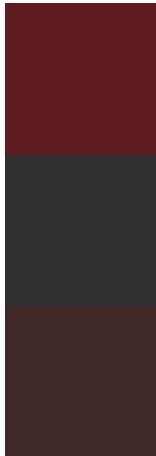
Original Color
21, 33.727, 24.084

Protanomaly
21, 14.000, 35.883

Deuteranomaly
21, 20.373, 47.349

Tritanomaly
21, 34.156, 26.206

Monochromacy



Original Color
21, 33.727, 24.084

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 12.100, 19.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 33.727, 24.084 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(94, 27, 32)` looks like.

```
.text, #text, p{  
    color:rgb(94, 27, 32)  
}
```

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(94, 27, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 27, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 33.727, 24.084 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(94, 27, 32) }
```

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

```
.border{ border-color:rgb(94, 27, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 27, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 27, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 27, 32);  
box-shadow:4px 4px 4px 4px rgb(94, 27, 32)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 33.727, 24.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 27, 32) }
```

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

```
.background{ background-color: rgb(94, 27,  
32) }
```

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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