

Converting Colors

CIELCh(22, 32.921, 10.468)

Have a look what the booklet for
CIELCh(22, 32.921, 10.468) contains.

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Color

CIELCh(22, 32.757, 10.595)

Conversions

Conversions Part 1

Format	Color
Hex	601C2D
RGB	96, 28, 45
RGB Percent	38%, 11%, 18%
CMY	0.6232, 0.8899, 0.8233
CMYK	0.00, 0.71, 0.53, 0.62
HSL	345°, 55%, 24%
HSV	345°, 71%, 38%
XYZ	5.7245, 3.5154, 2.8661
YIQ	50.2700, 35.0710, 19.7030

Conversions

Conversions Part 2

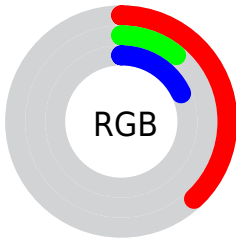
Format	Color
RYB	96, 28, 45
Decimal	6298669
CIELab	22.00, 32.20, 6.02
CIELCh	22, 32.757, 10.595
Yxy	3.5154, 0.4729, 0.2904
Android (android.graphics.Color)	4284488749 (0xFF601C2D)
YUV	50.2700, -2.5981, 40.1052
Hunter-Lab	18.7494, 21.6878, 4.0612

Details

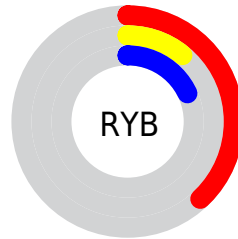
The CIELCh color **22, 32.757, 10.595** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36, 25.886, 172.071**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 32.572, 11.322**, and **6, 25.251, 20.809** is the 20% darker color. If you saturate the color by 10%, you get **20, 36.630, 13.873**, and if you desaturate by 10%, it is **24, 28.391, 7.968**.

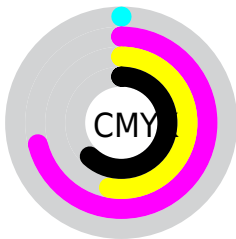
Distribution



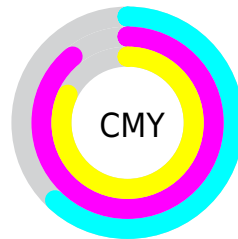
- Red (38%)
- Green (11%)
- Blue (18%)



- Red (38%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (71%)
- Yellow (53%)
- Black (62%)



- Cyan (62%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 22, 32.757, 10.595 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 22, 32.757, 10.595 by changing the saturation by 10% instead.

■ 22, 32.757, 10.595

■ 22, 32.757, 10.595

■ 100, 32.757,
10.595

■ 12, 32.757, 10.595

■ 42, 32.757, 10.595

■ 2, 32.757, 10.595

■ 52, 32.757, 10.595

■ 0, 32.757, 10.595

■ 62, 32.757, 10.595

■ 72, 32.757, 10.595

■ 82, 32.757, 10.595

■ 92, 32.757, 10.595

■ 22, 32.757, 10.595

■ 22, 32.757, 10.595

20, 36.630, 13.873

24, 28.391, 7.968

19, 39.914, 17.892

26, 23.709, 5.852

18, 43.000, 21.504

29, 18.882, 4.128

32, 14.050, 2.699

35, 9.313, 1.489

38, 4.730, 0.432

41, 0.334, 358.732

44, 3.863, 178.890

47, 7.862, 178.152

Harmonies

Complementary

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



22, 32.757, 10.595



36, 25.886, 172.071

Rectangle

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



22, 32.757, 10.595



22, 32.757, 60.595



22, 32.757, 190.595



22, 32.757, 240.595

Sweetspot

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



22, 32.755, 10.597



45, 11.706, 1.587



21, 46.267, 319.753



22, 8.014, 1.799



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



22, 32.755, 10.597



27, 46.896, 16.529



25, 30.446, 44.758



18, 2.470, 0.241



22, 48.285, 22.673



50, 86.599, 26.512

Inverse Universe

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



22, 32.755, 10.597



27, 46.896, 16.529



31, 18.454, 233.940



18, 2.470, 0.241



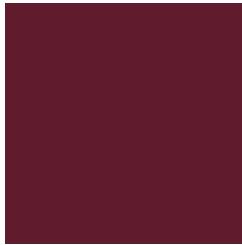
22, 48.285, 22.673



50, 86.599, 26.512

Previews

White Background



This preview shows how the CIE LCh color 22, 32.757, 10.595 looks on a white background.

Color Contrast Check

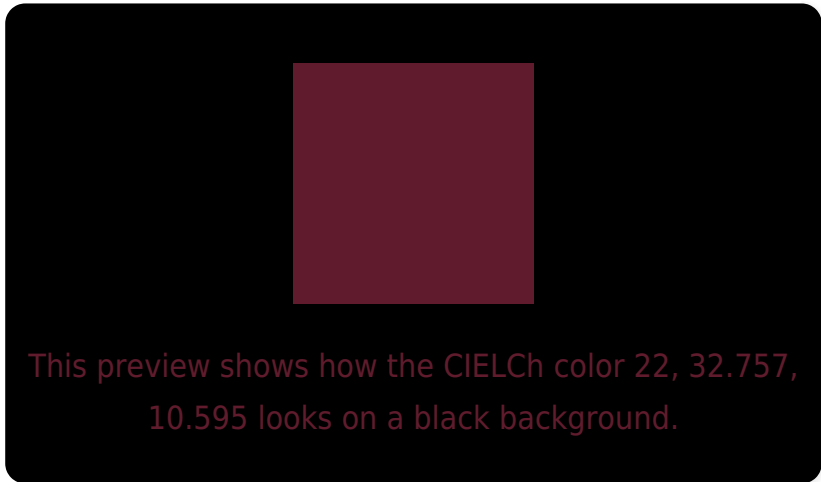
Large Text (above 18pt) WCAG AA ✓ Pass

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

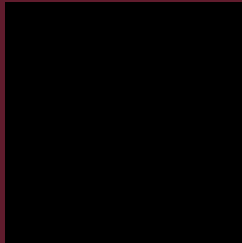
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 32.757, 10.595

Background



This preview shows how black text looks on a background with the CIELCh color 22, 32.757, 10.595.



This preview shows how white text looks on a background with the CIELCh color 22, 32.757, 10.595.

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

22, 32.757, 10.595

Protanopia

23, 2.676, 290.779

Deuteranopia

23, 8.722, 69.298



Tritanopia
22, 32.842, 27.152

Trichromacy



Original Color
22, 32.757, 10.595

Protanomaly
22, 12.478, 357.064

Deuteranomaly
22, 16.130, 23.048

Tritanomaly
22, 32.233, 20.839

Monochromacy



Original Color
22, 32.757, 10.595

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 12.689, 4.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 32.757, 10.595 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(96, 28, 45)` looks like.

```
.text, #text, p{  
    color:rgb(96, 28, 45)  
}
```

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(96, 28, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 28, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 32.757, 10.595 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(96, 28, 45) }
```

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

```
.border{ border-color:rgb(96, 28, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 28, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 28, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 28, 45);  
box-shadow:4px 4px 4px 4px rgb(96, 28, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 32.757, 10.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 28, 45) }
```

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

```
.background{ background-color: rgb(96, 28,  
45) }
```

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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