

Converting Colors

CIELCh(22, 30.678, 0.105)

Have a look what the booklet for
CIELCh(22, 30.678, 0.105) contains.

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Color

CIELCh(22, 30.317, 359.552)

Conversions

Conversions Part 1

Format	Color
Hex	5C1F36
RGB	92, 31, 54
RGB Percent	36%, 12%, 21%
CMY	0.6394, 0.8786, 0.7884
CMYK	0.00, 0.66, 0.41, 0.64
HSL	337°, 50%, 24%
HSV	337°, 66%, 36%
XYZ	5.5612, 3.5154, 3.8694
YIQ	51.8610, 28.9730, 20.0850

Conversions

Conversions Part 2

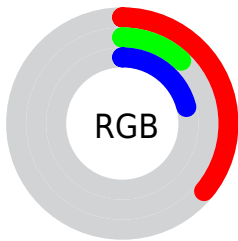
Format	Color
R_{YB}	92, 31, 54
Decimal	6037302
CIE _{Lab}	22.00, 30.32, -0.24
CIE _{LCh}	22, 30.317, 359.552
Yxy	3.5154, 0.4296, 0.2715
Android (android.graphics.Color)	4284227382 (0xFF5C1F36)
YUV	51.8610, 1.0545, 35.2019
Hunter-Lab	18.7494, 20.1324, 0.8887

Details

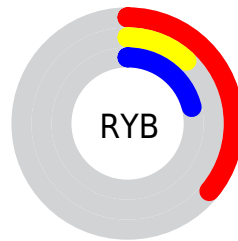
The CIELCh color **22, 30.317, 359.552** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35, 26.841, 163.674**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 30.388, 359.167**, and **5, 23.165, 11.346** is the 20% darker color. If you saturate the color by 10%, you get **20, 33.921, 2.042**, and if you desaturate by 10%, it is **24, 26.148, 357.540**.

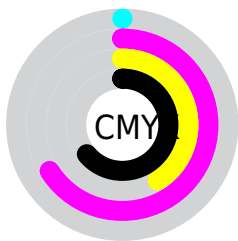
Distribution



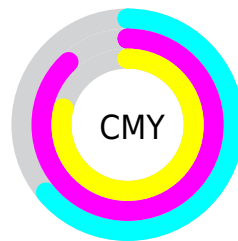
- Red (36%)
- Green (12%)
- Blue (21%)



- Red (36%)
- Yellow (12%)
- Blue (21%)



- Cyan (0%)
- Magenta (66%)
- Yellow (41%)
- Black (64%)





- Cyan (64%)
- Magenta (88%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 30.317, 359.552 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, 30.317, 359.552 by changing the saturation by 10% instead.

 22, 30.317,
359.552


 22, 30.317,
359.552


 100, 30.317,
359.552


 12, 30.317,
359.552


 42, 30.317,
359.552


 2, 30.317, 359.552

 52, 30.317,
359.552

 0, 30.317, 359.552

 62, 30.317,
359.552

 72, 30.317,
359.552

 82, 30.317,
359.552

 92, 30.317,

359.552

■ 22, 30.317,
359.552

■ 22, 30.317,
359.552

■ 20, 33.921, 2.042

■ 24, 26.148,
357.540

■ 19, 36.792, 5.146

■ 26, 21.619,
355.883

■ 18, 39.176, 8.673

■ 17, 40.141, 9.870

■ 29, 16.906,
354.492

■ 32, 12.148,
353.299

■ 34, 7.440, 352.252

■ 37, 2.843, 351.284

■ 40, 1.609, 170.717

■ 43, 5.901, 169.863

■ 46, 10.029,
169.173

Harmonies

Complementary

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



22, 30.317, 359.552



35, 26.841, 163.674

Rectangle

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



22, 30.317, 359.552



22, 30.317, 49.552



22, 30.317, 179.552



22, 30.317, 229.552

Sweetspot

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



22, 30.315, 359.553



43, 11.397, 352.687



20, 42.007, 315.594



21, 7.856, 352.883



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



22, 30.315, 359.553



27, 43.159, 3.887



23, 29.292, 34.675



17, 2.519, 351.527



22, 45.500, 11.104



50, 80.883, 14.830

Inverse Universe

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



22, 30.315, 359.553



27, 43.159, 3.887



33, 17.825, 211.919



17, 2.519, 351.527



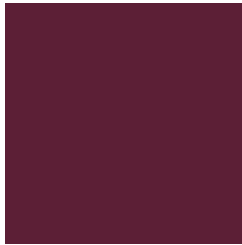
22, 45.500, 11.104



50, 80.883, 14.830

Previews

White Background



This preview shows how the CIE LCh color 22, 30.317, 359.552 looks on a white background.

Color Contrast Check

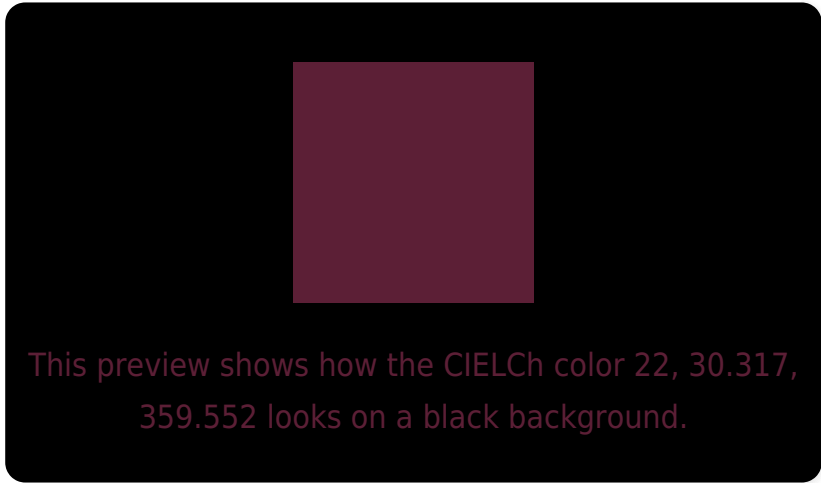
Large Text (above 18pt) WCAG AA ✓ Pass

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

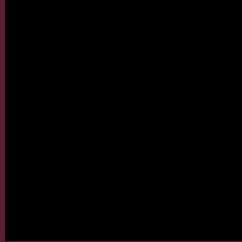
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 30.317, 359.552

Background



This preview shows how black text looks on a background with the CIELCh color 22, 30.317, 359.552.



This preview shows how white text looks on a background with the CIELCh color 22, 30.317, 359.552.

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, 30.317, 359.552

Protanopia

22, 10.094, 285.392

Deuteranopia

22, 3.862, 29.983



Tritanopia
22, 28.426, 24.182

Trichromacy



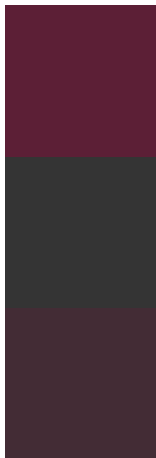
Original Color
22, 30.317, 359.552

Protanomaly
21, 14.968, 328.838

Deuteranomaly
22, 14.265, 0.986

Tritanomaly
22, 28.081, 15.374

Monochromacy



Original Color
22, 30.317, 359.552

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 12.334, 353.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 30.317, 359.552 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(92, 31, 54)` looks like.

```
.text, #text, p{  
    color:rgb(92, 31, 54)  
}
```

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(92, 31, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 31, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 30.317, 359.552 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(92, 31, 54) }
```

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

```
.border{ border-color:rgb(92, 31, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 31, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 31, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 31, 54);  
box-shadow:4px 4px 4px 4px rgb(92, 31, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 30.317, 359.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 31, 54) }
```

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

```
.background{ background-color: rgb(92, 31,  
54) }
```

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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