

Converting Colors

CIELCh(22, 28.287, 348.246)

Have a look what the booklet for
CIELCh(22, 28.287, 348.246)
contains.

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Color

CIELCh(22, 28.654, 348.194)

Conversions

Conversions Part 1

Format	Color
Hex	57223E
RGB	87, 34, 62
RGB Percent	34%, 13%, 24%
CMY	0.6589, 0.8667, 0.7569
CMYK	0.00, 0.61, 0.29, 0.66
HSL	328°, 44%, 24%
HSV	328°, 61%, 34%
XYZ	5.3685, 3.5154, 4.9499
YIQ	53.0390, 22.6000, 19.9440

Conversions

Conversions Part 2

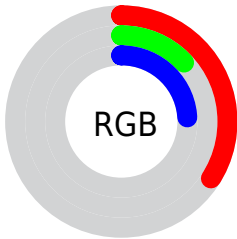
Format	Color
RYB	87, 34, 62
Decimal	5710398
CIELab	22.00, 28.05, -5.86
CIElCh	22, 28.654, 348.194
Yxy	3.5154, 0.3881, 0.2541
Android (android.graphics.Color)	4283900478 (0xFF57223E)
YUV	53.0390, 4.4178, 29.7838
Hunter-Lab	18.7494, 18.2980, -2.5281

Details

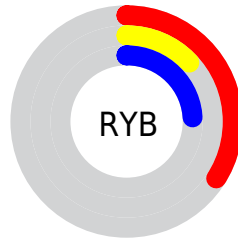
The CIELCh color **22, 28.654, 348.194** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **33, 27.399, 156.091**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 28.780, 348.717**, and **5, 21.833, 354.759** is the 20% darker color. If you saturate the color by 10%, you get **20, 32.397, 349.782**, and if you desaturate by 10%, it is **24, 24.360, 346.857**.

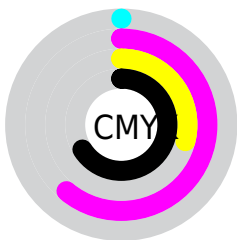
Distribution



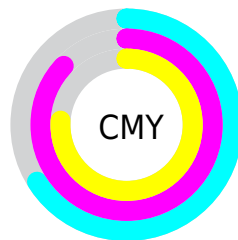
- Red (34%)
- Green (13%)
- Blue (24%)



- Red (34%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (61%)
- Yellow (29%)
- Black (66%)



- Cyan (66%)
- Magenta (87%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 28.654, 348.194 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, 28.654, 348.194 by changing the saturation by 10% instead.

 22, 28.654,
348.194


 22, 28.654,
348.194

 100, 28.654,
348.194


 12, 28.654,
348.194


 42, 28.654,
348.194


 2, 28.654, 348.194

 52, 28.654,
348.194

 0, 28.654, 348.194

 62, 28.654,
348.194

 72, 28.654,
348.194

 82, 28.654,
348.194

 92, 28.654,

348.194

■ 22, 28.654,
348.194

■ 22, 28.654,
348.194

■ 20, 32.397,
349.782

■ 24, 24.360,
346.857

■ 19, 35.383,
351.705

■ 26, 19.721,
345.702

■ 18, 37.482,
354.052

■ 29, 14.903,
344.686

■ 17, 39.331,
356.160

■ 31, 10.031,
343.773

■ 34, 5.192, 342.933

■ 37, 0.440, 341.732

■ 39, 4.192, 161.587

■ 42, 8.687, 160.920

■ 45, 13.039,
160.318

Harmonies

Complementary

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



22, 28.654, 348.194



33, 27.399, 156.091

Rectangle

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



22, 28.654, 348.194



22, 28.654, 38.194



22, 28.654, 168.194



22, 28.654, 218.194

Sweetspot

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



22, 28.652, 348.195



41, 10.624, 343.571



19, 36.769, 310.914



19, 7.313, 343.731



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



22, 28.652, 348.195



26, 40.427, 350.585



21, 27.086, 24.123



16, 2.645, 342.756



22, 45.308, 357.220



51, 79.890, 0.006

Inverse Universe

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



22, 28.652, 348.195



26, 40.427, 350.585



34, 18.377, 193.438



16, 2.645, 342.756



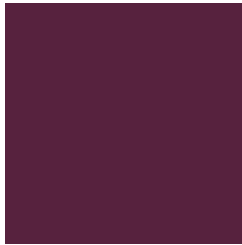
22, 45.308, 357.220



51, 79.890, 0.006

Previews

White Background



This preview shows how the CIE LCh color 22, 28.654, 348.194 looks on a white background.

Color Contrast Check

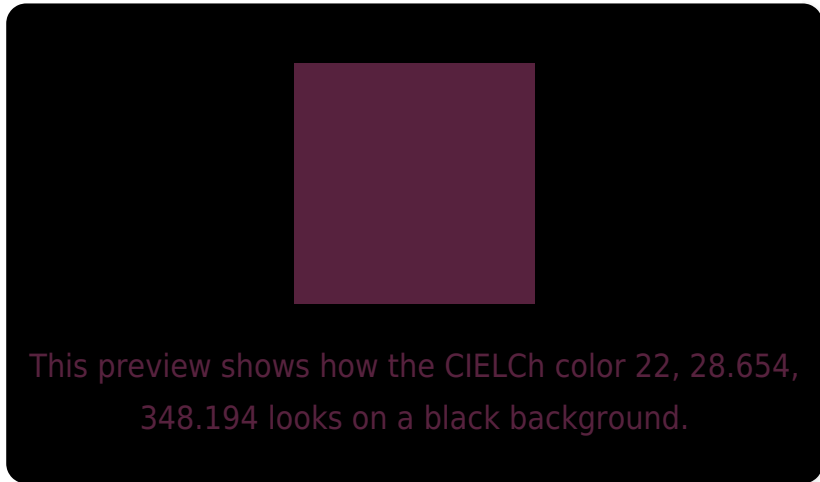
Large Text (above 18pt) WCAG AA ✓ Pass

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

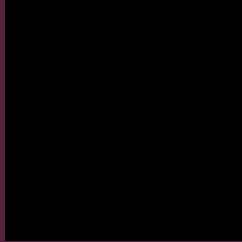
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 28.654, 348.194

Background



This preview shows how black text looks on a background with the CIELCh color 22, 28.654, 348.194.



This preview shows how white text looks on a background with the CIELCh color 22, 28.654, 348.194.

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, 28.654, 348.194

Protanopia

23, 14.828, 284.468

Deuteranopia

22, 5.051, 311.947



Tritanopia
22, 23.198, 21.900

Trichromacy



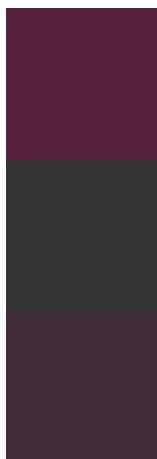
Original Color
22, 28.654, 348.194

Protanomaly
22, 17.538, 315.976

Deuteranomaly
22, 14.091, 337.163

Tritanomaly
22, 24.297, 7.301

Monochromacy



Original Color
22, 28.654, 348.194

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 11.029, 344.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 28.654, 348.194 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(87, 34, 62)` looks like.

```
.text, #text, p{  
    color:rgb(87, 34, 62)  
}
```

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(87, 34, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 34, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 28.654, 348.194 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(87, 34, 62) }
```

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

```
.border{ border-color:rgb(87, 34, 62) }
```

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

Here you see how a box with a 4 pixel rgb(87, 34, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 34, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 34, 62);  
box-shadow:4px 4px 4px 4px rgb(87, 34, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 28.654, 348.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 34, 62) }
```

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

```
.background{ background-color: rgb(87, 34,  
62) }
```

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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