

Converting Colors

CIELCh(22, 25.778, 349.230)

Have a look what the booklet for
CIELCh(22, 25.778, 349.230)
contains.

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Color

CIELCh(22, 25.309, 349.857)

Conversions

Conversions Part 1

Format	Color
Hex	54253C
RGB	84, 37, 60
RGB Percent	33%, 15%, 24%
CMY	0.6712, 0.8555, 0.7653
CMYK	0.00, 0.56, 0.29, 0.67
HSL	331°, 39%, 24%
HSV	331°, 56%, 33%
XYZ	5.1096, 3.5154, 4.6632
YIQ	53.6750, 20.6290, 17.1170

Conversions

Conversions Part 2

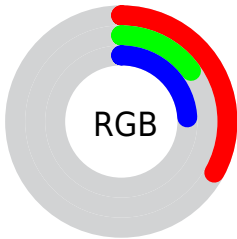
Format	Color
RYB	84, 37, 60
Decimal	5514556
CIELab	22.00, 24.91, -4.46
CIELCh	22, 25.309, 349.857
Yxy	3.5154, 0.3845, 0.2646
Android (android.graphics.Color)	4283704636 (0xFF54253C)
YUV	53.6750, 3.1182, 26.5950
Hunter-Lab	18.7494, 15.8336, -1.6215

Details

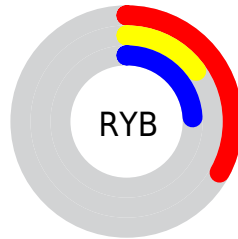
The CIELCh color **22, 25.309, 349.857** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **32, 23.876, 158.753**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 25.030, 350.141**, and **4, 20.136, 356.053** is the 20% darker color. If you saturate the color by 10%, you get **20, 29.212, 351.430**, and if you desaturate by 10%, it is **24, 21.003, 348.529**.

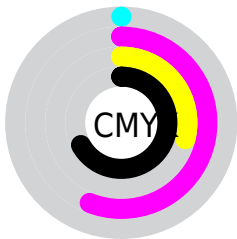
Distribution



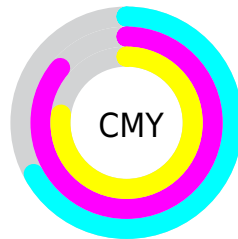
- Red (33%)
- Green (15%)
- Blue (24%)



- Red (33%)
- Yellow (15%)
- Blue (24%)



- Cyan (0%)
- Magenta (56%)
- Yellow (29%)
- Black (67%)





- Cyan (67%)
- Magenta (86%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 25.309, 349.857 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, 25.309, 349.857 by changing the saturation by 10% instead.

 22, 25.309,
349.857


 22, 25.309,
349.857

 100, 25.309,
349.857


 12, 25.309,
349.857


 42, 25.309,
349.857


 2, 25.309, 349.857

 52, 25.309,
349.857

 0, 25.309, 349.857

 62, 25.309,
349.857

 72, 25.309,
349.857

 82, 25.309,
349.857

 92, 25.309,

349.857

■ 22, 25.309,
349.857

■ 22, 25.309,
349.857

■ 20, 29.212,
351.430

■ 24, 21.003,
348.529

■ 18, 32.518,
353.330

■ 26, 16.474,
347.381

■ 17, 35.042,
355.668

■ 29, 11.854,
346.369

■ 16, 37.074,
358.274

■ 31, 7.241, 345.459

■ 16, 37.966,
359.227

■ 34, 2.698, 344.596

■ 37, 1.736, 164.062

■ 39, 6.041, 163.291

■ 42, 10.207,
162.646

■ 45, 14.234,
162.056

Harmonies

Complementary

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



22, 25.309, 349.857



32, 23.876, 158.753

Rectangle

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



22, 25.309, 349.857



22, 25.309, 39.857



22, 25.309, 169.857



22, 25.309, 219.857

Sweetspot

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



22, 25.307, 349.858



41, 9.591, 345.595



20, 32.844, 311.668



20, 6.473, 345.691



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, 25.307, 349.858



27, 36.635, 352.016



21, 24.181, 25.389



15, 2.447, 344.828



21, 44.131, 0.513



50, 78.730, 3.713

Inverse Universe

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



22, 25.307, 349.858



27, 36.635, 352.016



33, 16.615, 197.131



15, 2.447, 344.828



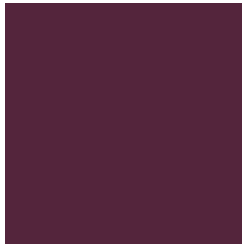
21, 44.131, 0.513



50, 78.730, 3.713

Previews

White Background



This preview shows how the CIELCh color 22, 25.309, 349.857 looks on a white background.

Color Contrast Check

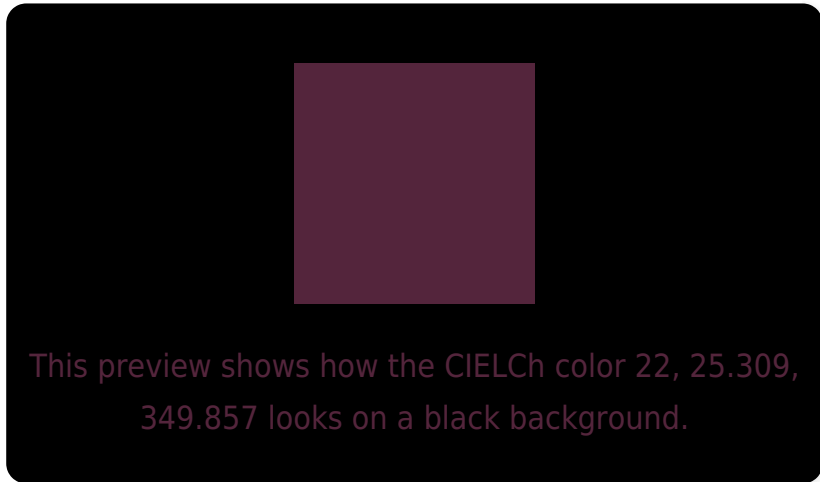
Large Text (above 18pt) WCAG AA ✓ Pass

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

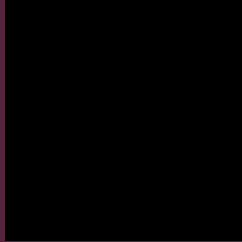
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 25.309, 349.857

Background



This preview shows how black text looks on a background with the CIELCh color 22, 25.309, 349.857.



This preview shows how white text looks on a background with the CIELCh color 22, 25.309, 349.857.

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, 25.309, 349.857

Protanopia

22, 12.115, 285.247

Deuteranopia

22, 4.072, 324.826



Tritanopia
22, 21.031, 19.225

Trichromacy



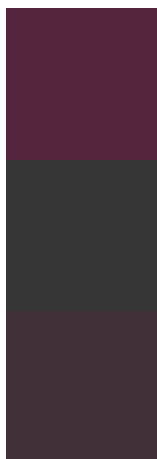
Original Color
22, 25.309, 349.857

Protanomaly
22, 14.953, 318.429

Deuteranomaly
22, 12.494, 342.318

Tritanomaly
22, 21.883, 7.779

Monochromacy



Original Color
22, 25.309, 349.857

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 9.516, 347.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 25.309, 349.857 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(84, 37, 60)` looks like.

```
.text, #text, p{  
    color:rgb(84, 37, 60)  
}
```

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(84, 37, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 37, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 25.309, 349.857 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(84, 37, 60) }
```

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

```
.border{ border-color:rgb(84, 37, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 37, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 37, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 37, 60);  
box-shadow:4px 4px 4px 4px rgb(84, 37, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 25.309, 349.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 37, 60) }
```

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

```
.background{ background-color: rgb(84, 37,  
60) }
```

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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