

Converting Colors

CIELCh(22, 24.621, 348.260)

Have a look what the booklet for
CIELCh(22, 24.621, 348.260)
contains.

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Color

CIELCh(22, 24.621, 348.260)

Conversions

Conversions Part 1

Format	Color
Hex	53263D
RGB	83, 38, 61
RGB Percent	33%, 15%, 24%
CMY	0.6761, 0.8524, 0.7623
CMYK	0.00, 0.54, 0.27, 0.68
HSL	329°, 37%, 24%
HSV	329°, 54%, 32%
XYZ	5.0443, 3.5154, 4.7746
YIQ	54.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

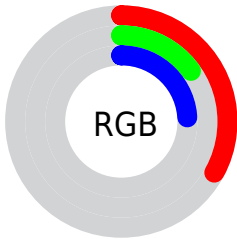
Format	Color
RYB	83, 38, 61
Decimal	5449277
CIELab	22.00, 24.11, -5.01
CIElCh	22, 24.621, 348.260
Yxy	3.5154, 0.3783, 0.2636
Android (android.graphics.Color)	4283639357 (0xFF53263D)
YUV	54.0770, 3.4130, 25.3655
Hunter-Lab	18.7494, 15.2118, -1.9737

Details

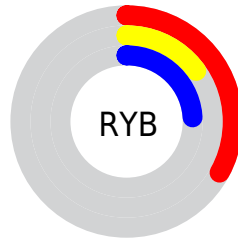
The CIELCh color $22, 24.621, 348.260$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $31, 23.418, 157.844$, and the grayscale version is $22, 0.004, 296.813$.

A 20% lighter version of the original color is $42, 24.320, 348.863$, and $4, 19.725, 353.483$ is the 20% darker color. If you saturate the color by 10%, you get $20, 28.576, 349.711$, and if you desaturate by 10%, it is $24, 20.287, 347.023$.

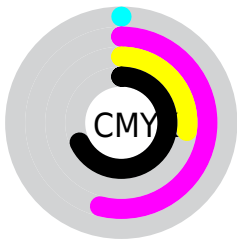
Distribution



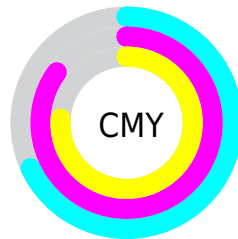
- Red (33%)
- Green (15%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (54%)
- Yellow (27%)
- Black (68%)





- Cyan (68%)
- Magenta (85%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 24.621, 348.260 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, 24.621, 348.260 by changing the saturation by 10% instead.

 22, 24.621,
348.260


 22, 24.621,
348.260

 100, 24.621,
348.260


 12, 24.621,
348.260


 42, 24.621,
348.260


 2, 24.621, 348.260

 52, 24.621,
348.260

 0, 24.621, 348.260

 62, 24.621,
348.260

 72, 24.621,
348.260

 82, 24.621,
348.260

 92, 24.621,

348.260

■ 22, 24.621,
348.260

■ 22, 24.621,
348.260

■ 20, 28.576,
349.711

■ 24, 20.287,
347.023

■ 18, 31.960,
351.448

■ 26, 15.747,
345.943

■ 17, 34.584,
353.570

■ 29, 11.128,
344.983

■ 16, 36.585,
356.011

■ 31, 6.520, 344.112

■ 15, 37.805,
357.271

■ 34, 1.985, 343.257

■ 37, 2.443, 162.735

■ 39, 6.743, 162.019

■ 42, 10.907,
161.395

■ 45, 14.936,
160.819

Harmonies

Complementary

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



22, 24.621, 348.260



31, 23.418, 157.844

Rectangle

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



22, 24.621, 348.260



22, 24.621, 38.260



22, 24.621, 168.260



22, 24.621, 218.260

Sweetspot

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



22, 24.619, 348.261



40, 8.972, 344.290



20, 31.458, 311.075



19, 5.992, 344.381



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



22, 24.619, 348.261



27, 35.453, 350.164



21, 22.973, 23.867



15, 2.483, 343.634



21, 44.353, 358.568



50, 78.970, 1.584

Inverse Universe

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



22, 24.619, 348.261



27, 35.453, 350.164



32, 16.179, 195.459



15, 2.483, 343.634



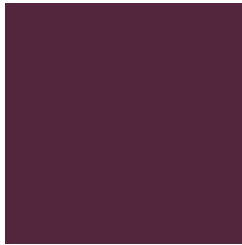
21, 44.353, 358.568



50, 78.970, 1.584

Previews

White Background



This preview shows how the CIELCh color 22, 24.621, 348.260 looks on a white background.

Color Contrast Check

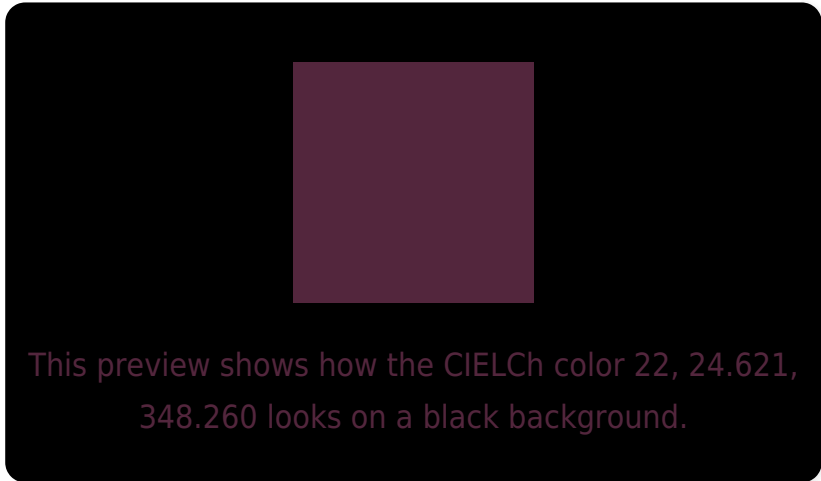
Large Text (above 18pt) WCAG AA ✓ Pass

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

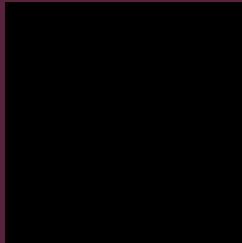
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 24.621, 348.260

Background



This preview shows how black text looks on a background with the CIELCh color 22, 24.621, 348.260.



This preview shows how white text looks on a background with the CIELCh color 22, 24.621, 348.260.

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, 24.621, 348.260

Protanopia

22, 12.161, 283.430

Deuteranopia

22, 4.433, 315.021



Tritanopia
22, 19.976, 18.608

Trichromacy



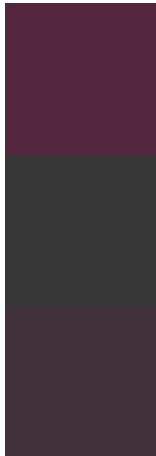
Original Color
22, 24.621, 348.260

Protanomaly
22, 14.786, 316.856

Deuteranomaly
22, 11.787, 339.144

Tritanomaly
22, 20.936, 6.605

Monochromacy



Original Color
22, 24.621, 348.260

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 9.136, 345.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 24.621, 348.260 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(83, 38, 61)` looks like.

```
.text, #text, p{  
    color:rgb(83, 38, 61)  
}
```

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(83, 38, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 38, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 24.621, 348.260 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(83, 38, 61) }
```

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

```
.border{ border-color:rgb(83, 38, 61) }
```

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

Here you see how a box with a 4 pixel rgb(83, 38, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 38, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 38, 61);  
box-shadow:4px 4px 4px 4px rgb(83, 38, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 24.621, 348.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 38, 61) }
```

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

```
.background{ background-color: rgb(83, 38,  
61) }
```

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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