

Converting Colors

CIELCh(22, 36.498, 355.768)

Have a look what the booklet for
CIELCh(22, 36.498, 355.768)
contains.

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Color

CIELCh(22, 36.594, 355.444)

Conversions

Conversions Part 1

Format	Color
Hex	62173A
RGB	98, 23, 58
RGB Percent	38%, 9%, 23%
CMY	0.6157, 0.9098, 0.7725
CMYK	0.00, 0.77, 0.41, 0.62
HSL	332°, 62%, 24%
HSV	332°, 77%, 38%
XYZ	6.1078, 3.5154, 4.3601
YIQ	49.4150, 33.4650, 26.7850

Conversions

Conversions Part 2

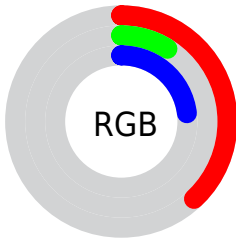
Format	Color
RYB	98, 23, 58
Decimal	6428474
CIELab	22.00, 36.48, -2.91
CIElCh	22, 36.594, 355.444
Yxy	3.5154, 0.4368, 0.2514
Android (android.graphics.Color)	4284618554 (0xFF62173A)
YUV	49.4150, 4.2324, 42.6090
Hunter-Lab	18.7494, 25.3366, -0.6630

Details

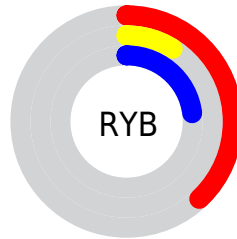
The CIELCh color **22, 36.594, 355.444** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **37, 34.374, 156.690**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 36.886, 355.333**, and **6, 25.663, 7.533** is the 20% darker color. If you saturate the color by 10%, you get **21, 39.287, 358.095**, and if you desaturate by 10%, it is **24, 32.979, 353.313**.

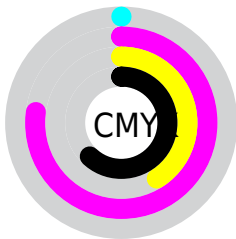
Distribution



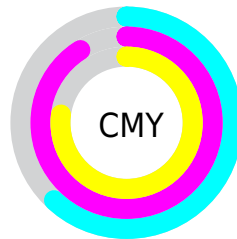
- Red (38%)
- Green (9%)
- Blue (23%)



- Red (38%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (77%)
- Yellow (41%)
- Black (62%)




- Cyan (62%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 22, 36.594, 355.444 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, 36.594, 355.444 by changing the saturation by 10% instead.

 22, 36.594,
355.444

 22, 36.594,
355.444

 100, 36.594,
355.444


 12, 36.594,
355.444

 42, 36.594,
355.444

 2, 36.594, 355.444

 52, 36.594,
355.444

 0, 36.594, 355.444

 62, 36.594,
355.444

 72, 36.594,
355.444

 82, 36.594,
355.444

 92, 36.594,

355.444

■ 22, 36.594,
355.444

■ 22, 36.594,
355.444

■ 21, 39.287,
358.095

■ 24, 32.979,
353.313

■ 20, 41.281, 1.172

■ 26, 28.650,
351.571

■ 19, 42.036, 2.192

■ 28, 23.838,
350.118

■ 31, 18.752,
348.877

■ 34, 13.557,
347.794

■ 37, 8.369, 346.830

■ 40, 3.265, 345.928

■ 43, 1.709, 165.375

■ 46, 6.531, 164.559

Harmonies

Complementary

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



22, 36.594, 355.444



37, 34.374, 156.690

Rectangle

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



22, 36.594, 355.444



22, 36.594, 45.444



22, 36.594, 175.444



22, 36.594, 225.444

Sweetspot

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



22, 36.592, 355.445



45, 14.565, 347.510



18, 50.217, 313.389



21, 10.013, 347.765



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, 36.592, 355.445



27, 49.119, 0.760



21, 38.334, 32.335



18, 2.789, 346.141



23, 46.194, 2.962



51, 80.564, 6.047

Inverse Universe

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



22, 36.592, 355.445



27, 49.119, 0.760



37, 21.777, 200.863



18, 2.789, 346.141



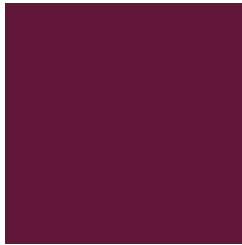
23, 46.194, 2.962



51, 80.564, 6.047

Previews

White Background



This preview shows how the CIE LCh color 22, 36.594, 355.444 looks on a white background.

Color Contrast Check

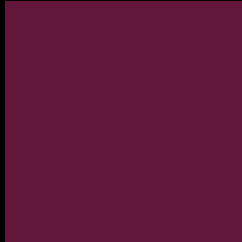
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 22, 36.594, 355.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

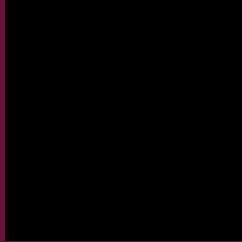
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 36.594, 355.444

Background



This preview shows how black text looks on a background with the CIELCh color 22, 36.594, 355.444.



This preview shows how white text looks on a background with the CIELCh color 22, 36.594, 355.444.

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, 36.594, 355.444

Protanopia

23, 15.485, 283.642

Deuteranopia

23, 3.340, 8.540



Tritanopia
22, 33.654, 26.541

Trichromacy



Original Color
22, 36.594, 355.444

Protanomaly
21, 20.538, 321.905

Deuteranomaly
22, 17.067, 353.302

Tritanomaly
22, 33.782, 14.961

Monochromacy



Original Color
22, 36.594, 355.444

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 14.916, 350.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 36.594, 355.444 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(98, 23, 58)` looks like.

```
.text, #text, p{  
    color:rgb(98, 23, 58)  
}
```

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(98, 23, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 23, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 36.594, 355.444 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(98, 23, 58) }
```

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

```
.border{ border-color:rgb(98, 23, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 23, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 23, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 23, 58);  
box-shadow:4px 4px 4px 4px rgb(98, 23, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 36.594, 355.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 23, 58) }
```

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

```
.background{ background-color: rgb(98, 23,  
58) }
```

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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