

Converting Colors

CIELCh(22, 43.427, 338.305)

Have a look what the booklet for
CIELCh(22, 43.427, 338.305)
contains.

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Color

CIELCh(22, 43.258, 338.589)

Conversions

Conversions Part 1

Format	Color
Hex	61134D
RGB	97, 19, 77
RGB Percent	38%, 7%, 30%
CMY	0.6206, 0.9267, 0.6990
CMYK	0.00, 0.81, 0.21, 0.62
HSL	315°, 68%, 23%
HSV	315°, 81%, 38%
XYZ	6.4616, 3.5154, 7.3162
YIQ	48.9340, 27.8700, 34.5740

Conversions

Conversions Part 2

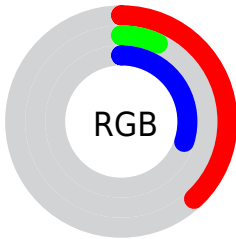
Format	Color
R_{YB}	97, 19, 77
Decimal	6361933
CIE _{Lab}	22.00, 40.27, -15.79
CIE _{LCh}	22, 43.258, 338.589
Yxy	3.5154, 0.3736, 0.2033
Android (android.graphics.Color)	4284552013 (0xFF61134D)
YUV	48.9340, 13.8365, 42.1539
Hunter-Lab	18.7494, 28.7045, -10.0107

Details

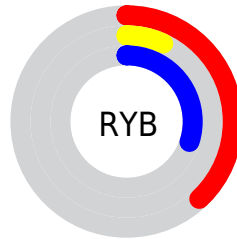
The CIELCh color **22, 43.258, 338.589** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **36, 45.001, 144.151**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 43.306, 338.497**, and **7, 29.164, 342.992** is the 20% darker color. If you saturate the color by 10%, you get **21, 45.508, 339.685**, and if you desaturate by 10%, it is **23, 39.830, 337.627**.

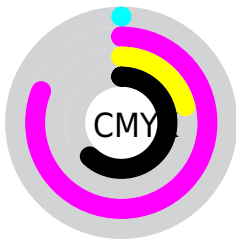
Distribution



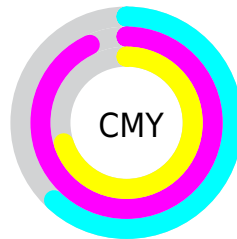
- Red (38%)
- Green (7%)
- Blue (30%)



- Red (38%)
- Yellow (7%)
- Blue (30%)



- Cyan (0%)
- Magenta (81%)
- Yellow (21%)
- Black (62%)





- Cyan (62%)
- Magenta (93%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 43.258, 338.589 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, 43.258, 338.589 by changing the saturation by 10% instead.

 22, 43.258,
338.589


 22, 43.258,
338.589

 100, 43.258,
338.589


 12, 43.258,
338.589

 42, 43.258,
338.589


 2, 43.258, 338.589

 52, 43.258,
338.589

 0, 43.258, 338.589

 62, 43.258,
338.589

 72, 43.258,
338.589

 82, 43.258,
338.589

 92, 43.258,

338.589

■ 22, 43.258,
338.589

■ 22, 43.258,
338.589

■ 21, 45.508,
339.685

■ 23, 39.830,
337.627

■ 20, 47.248,
340.728

■ 25, 35.413,
336.762

■ 27, 30.251,
335.965

■ 30, 24.588,
335.218

■ 32, 18.631,
334.512

■ 35, 12.543,
333.837

■ 38, 6.441, 333.184

■ 41, 0.404, 332.131

■ 44, 5.517, 152.062

Harmonies

Complementary

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



22, 43.258, 338.589



36, 45.001, 144.151

Rectangle

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



22, 43.258, 338.589



22, 43.258, 28.589



22, 43.258, 158.589



22, 43.258, 208.589

Sweetspot

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



22, 43.256, 338.589



44, 17.995, 334.106



14, 53.142, 306.765



21, 12.463, 334.275



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, 43.256, 338.589



27, 55.922, 340.820



21, 36.792, 13.842



18, 3.387, 333.067



24, 52.294, 341.011



54, 90.443, 342.050

Inverse Universe

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



22, 43.256, 338.589



27, 55.922, 340.820



36, 28.366, 170.577



18, 3.387, 333.067



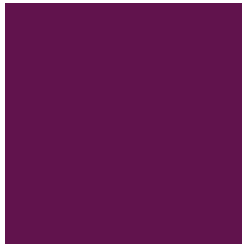
24, 52.294, 341.011



54, 90.443, 342.050

Previews

White Background



This preview shows how the CIE LCh color 22, 43.258, 338.589 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, 43.258, 338.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

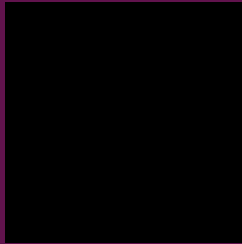
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 43.258, 338.589

Background



This preview shows how black text looks on a background with the CIELCh color 22, 43.258, 338.589.



This preview shows how white text looks on a background with the CIELCh color 22, 43.258, 338.589.

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, 43.258, 338.589

Protanopia

23, 34.194, 285.526

Deuteranopia

23, 12.080, 285.193



Tritanopia
22, 29.963, 24.816

Trichromacy



Original Color
22, 43.258, 338.589

Protanomaly
21, 35.955, 303.238

Deuteranomaly
21, 24.497, 320.182

Tritanomaly
22, 32.171, 2.682

Monochromacy



Original Color
22, 43.258, 338.589

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 18.759, 334.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 43.258, 338.589 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(97, 19, 77)` looks like.

```
.text, #text, p{  
    color:rgb(97, 19, 77)  
}
```

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(97, 19, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 19, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 43.258, 338.589 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(97, 19, 77) }
```

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

```
.border{ border-color:rgb(97, 19, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 19, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 19, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 19, 77);  
box-shadow:4px 4px 4px 4px rgb(97, 19, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 43.258, 338.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 19, 77) }
```

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

```
.background{ background-color: rgb(97, 19,  
77) }
```

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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