

Converting Colors

CIELCh(22, 6.712, 302.915)

Have a look what the booklet for
CIELCh(22, 6.712, 302.915) contains.

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Color

CIELCh(22, 6.883, 302.671)

Conversions

Conversions Part 1

Format	Color
Hex	36333D
RGB	54, 51, 61
RGB Percent	21%, 20%, 24%
CMY	0.7874, 0.7992, 0.7599
CMYK	0.11, 0.16, 0.00, 0.76
HSL	258°, 9%, 22%
HSV	258°, 16%, 24%
XYZ	3.5739, 3.5154, 4.9356
YIQ	53.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

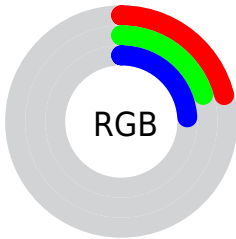
Format	Color
R_{YB}	54, 51, 61
Decimal	3552061
CIE Lab	22.00, 3.72, -5.79
CIE LCh	22, 6.883, 302.671
Yxy	3.5154, 0.2972, 0.2923
Android (android.graphics.Color)	4281742141 (0xFF36333D)
YUV	53.0370, 3.9258, 0.8446
Hunter-Lab	18.7494, 1.2128, -2.4830

Details

The CIELCh color **22, 6.883, 302.671** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25, 6.697, 120.993**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 6.877, 304.677**, and **2, 6.798, 301.944** is the 20% darker color. If you saturate the color by 10%, you get **20, 11.263, 303.286**, and if you desaturate by 10%, it is **24, 2.633, 302.112**.

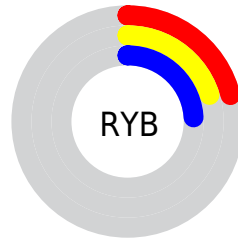
Distribution



 Red (21%)

 Green (20%)

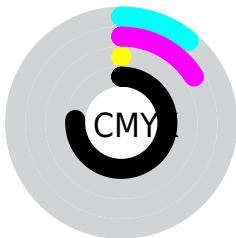
 Blue (24%)




 Red (21%)

 Yellow (20%)

 Blue (24%)

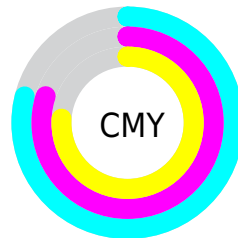


 Cyan (11%)

 Magenta (16%)

 Yellow (0%)

 Black (76%)



 Cyan (79%)

 Magenta (80%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 22, 6.883, 302.671 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, 6.883, 302.671 by changing the saturation by 10% instead.

■ 22, 6.883, 302.671

■ 22, 6.883, 302.671

■ 100, 6.883,
302.671

■ 12, 6.883, 302.671

■ 42, 6.883, 302.671

■ 2, 6.883, 302.671

■ 52, 6.883, 302.671

■ 0, 6.883, 302.671

■ 62, 6.883, 302.671

■ 72, 6.883, 302.671

■ 82, 6.883, 302.671

■ 92, 6.883, 302.671

■ 22, 6.883, 302.671

■ 22, 6.883, 302.671

20, 11.263,
303.286

24, 2.633, 302.112

17, 15.771,
303.967

27, 1.487, 121.644

15, 20.393,
304.708

29, 5.480, 121.199

13, 25.094,
305.496

31, 9.353, 120.815

10, 29.809,
306.305

34, 13.111,
120.477

8, 34.420, 307.085

36, 16.761,
120.181

6, 38.351, 307.417

38, 20.308,
119.922

5, 41.689, 307.319

41, 23.758,
119.696

4, 42.847, 307.245

43, 27.116,
119.498

Harmonies

Complementary

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



22, 6.883, 302.671



25, 6.697, 120.993

Rectangle

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



22, 6.883, 302.671



22, 6.883, 352.671



22, 6.883, 122.671



22, 6.883, 172.671

Sweetspot

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



22, 6.882, 302.669



32, 2.564, 302.053



24, 3.593, 232.749



15, 1.766, 302.067



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



22, 6.882, 302.669



28, 10.494, 302.941



23, 7.628, 319.427



10, 2.309, 302.224



10, 62.248, 308.949



31, 117.055, 308.220

Inverse Universe

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



23, 6.557, 335.245



29, 9.951, 335.536



25, 7.573, 138.147



10, 2.215, 334.739



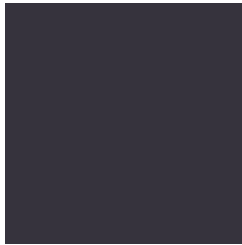
19, 45.156, 343.508



49, 82.902, 345.151

Previews

White Background



This preview shows how the CIELCh color 22, 6.883, 302.671 looks on a white background.

Color Contrast Check

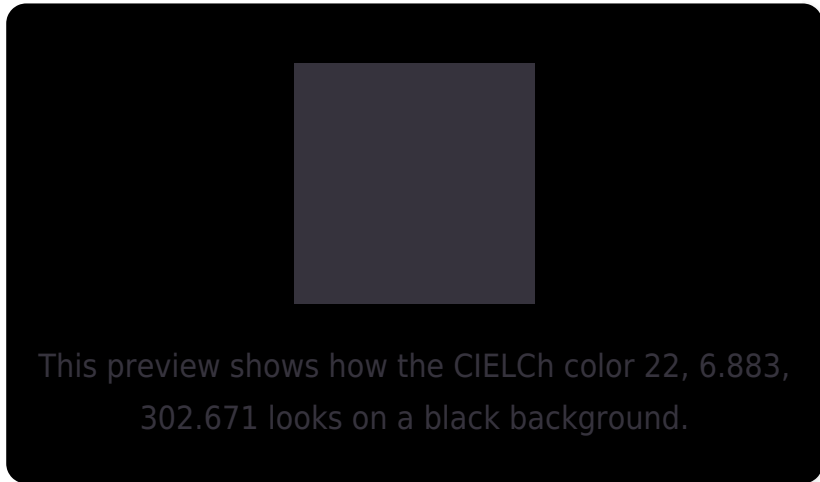
Large Text (above 18pt) WCAG AA ✓ Pass

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

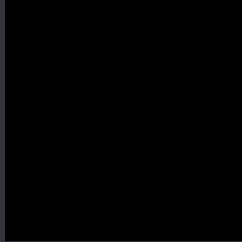
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 6.883, 302.671

Background



This preview shows how black text looks on a background with the CIELCh color 22, 6.883, 302.671.



This preview shows how white text looks on a background with the CIELCh color 22, 6.883, 302.671.

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, 6.883, 302.671

Protanopia

22, 6.729, 288.027

Deuteranopia

22, 6.883, 302.671



Tritanopia
22, 2.736, 300.291

Trichromacy



Original Color

22, 6.883, 302.671

Protanomaly

22, 6.722, 291.683

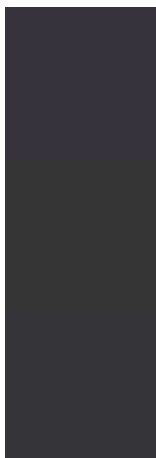
Deuteranomaly

22, 6.883, 302.671

Tritanomaly

22, 4.067, 297.376

Monochromacy



Original Color

22, 6.883, 302.671

Achromatopsia

22, 0.004, 296.813

Achromatomaly

22, 2.736, 300.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 6.883, 302.671 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(54, 51, 61)` looks like.

```
.text, #text, p{  
    color:rgb(54, 51, 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(54, 51, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 51, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 6.883, 302.671 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(54, 51, 61) }
```

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

```
.border{ border-color:rgb(54, 51, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 51, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 51, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 51, 61);  
box-shadow:4px 4px 4px 4px rgb(54, 51, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 6.883, 302.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 51, 61) }
```

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

```
.background{ background-color: rgb(54, 51,  
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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