

Converting Colors

CIELCh(22, 8.564, 315.891)

Have a look what the booklet for
CIELCh(22, 8.564, 315.891) contains.

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Color

CIELCh(22, 8.846, 315.371)

Conversions

Conversions Part 1

Format	Color
Hex	3A323E
RGB	58, 50, 62
RGB Percent	23%, 20%, 24%
CMY	0.7730, 0.8043, 0.7573
CMYK	0.06, 0.19, 0.00, 0.76
HSL	280°, 11%, 22%
HSV	280°, 19%, 24%
XYZ	3.7416, 3.5154, 5.0235
YIQ	53.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

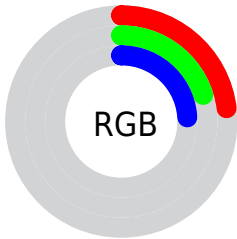
Format	Color
R_{YB}	58, 50, 62
Decimal	3813950
CIE Lab	22.00, 6.30, -6.21
CIE LCh	22, 8.846, 315.371
Yxy	3.5154, 0.3047, 0.2863
Android (android.graphics.Color)	4282004030 (0xFF3A323E)
YUV	53.7600, 4.0623, 3.7185
Hunter-Lab	18.7494, 2.8092, -2.7607

Details

The CIELCh color **22, 8.846, 315.371** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25, 8.718, 133.933**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 8.708, 315.948**, and **2, 9.024, 315.791** is the 20% darker color. If you saturate the color by 10%, you get **20, 13.515, 315.757**, and if you desaturate by 10%, it is **24, 4.242, 314.987**.

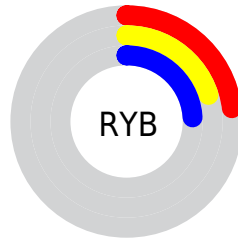
Distribution



Red (23%)

Green (20%)

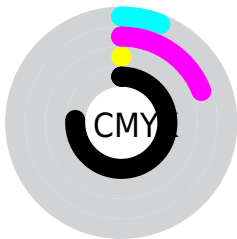
Blue (24%)



Red (23%)

Yellow (20%)

Blue (24%)

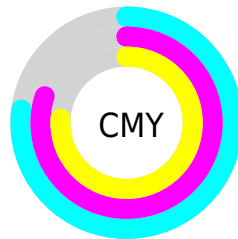


Cyan (6%)

Magenta (19%)

Yellow (0%)

Black (76%)



Cyan (77%)

Magenta (80%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 22, 8.846, 315.371 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, 8.846, 315.371 by changing the saturation by 10% instead.

■ 22, 8.846, 315.371

■ 22, 8.846, 315.371

■ 100, 8.846,
315.371

■ 12, 8.846, 315.371

■ 42, 8.846, 315.371

■ 2, 8.846, 315.371

■ 52, 8.846, 315.371

■ 0, 8.846, 315.371

■ 62, 8.846, 315.371

■ 72, 8.846, 315.371

■ 82, 8.846, 315.371

■ 92, 8.846, 315.371

■ 22, 8.846, 315.371

■ 22, 8.846, 315.371

20, 13.515,
315.757

24, 4.242, 314.987

18, 18.212,
316.140

26, 0.273, 134.920

16, 22.879,
316.505

28, 4.685, 134.327

14, 27.428,
316.830

33, 13.182,
133.714

12, 31.737,
317.086

35, 17.265,
133.448

11, 35.646,
317.233

37, 21.242,
133.206

9, 39.161, 317.293

39, 25.115,
132.987

8, 43.147, 317.558

41, 28.890,
132.789

7, 43.403, 317.575

Harmonies

Complementary

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



22, 8.846, 315.371



25, 8.718, 133.933

Rectangle

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



22, 8.846, 315.371



22, 8.846, 5.371



22, 8.846, 135.371



22, 8.846, 185.371

Sweetspot

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



22, 8.845, 315.370



33, 3.406, 314.866



23, 5.476, 272.139



15, 2.221, 314.870



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, 8.845, 315.370



29, 13.267, 315.551



22, 8.734, 329.843



10, 2.484, 314.950



15, 57.993, 316.979



40, 108.560, 316.211

Inverse Universe

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



22, 6.223, 355.323



29, 9.360, 355.794



25, 8.712, 147.733



10, 1.735, 354.292



18, 41.195, 14.028



47, 78.043, 18.781

Previews

White Background



This preview shows how the CIELCh color 22, 8.846, 315.371 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, 8.846, 315.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

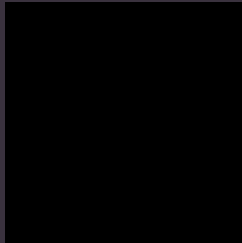
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 8.846, 315.371

Background



This preview shows how black text looks on a background with the CIELCh color 22, 8.846, 315.371.

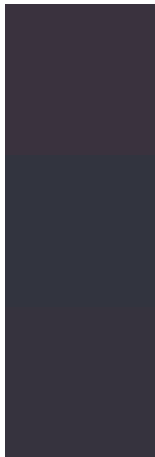


This preview shows how white text looks on a background with the CIELCh color 22, 8.846, 315.371.

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, 8.846, 315.371

Protanopia

22, 7.426, 285.271

Deuteranopia

22, 7.543, 301.773



Tritanopia
22, 3.870, 336.263

Trichromacy



Original Color

22, 8.846, 315.371

Protanomaly

22, 8.144, 298.037

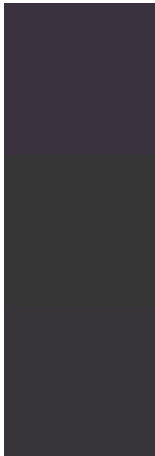
Deuteranomaly

22, 7.633, 305.021

Tritanomaly

22, 5.454, 320.955

Monochromacy



Original Color

22, 8.846, 315.371

Achromatopsia

23, 0.004, 296.813

Achromatomaly

22, 2.842, 309.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 8.846, 315.371 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(58, 50, 62)` looks like.

```
.text, #text, p{  
    color:rgb(58, 50, 62)  
}
```

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(58, 50, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 50, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 8.846, 315.371 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(58, 50, 62) }
```

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

```
.border{ border-color:rgb(58, 50, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 50, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 50, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 50, 62);  
box-shadow:4px 4px 4px 4px rgb(58, 50, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 8.846, 315.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 50, 62) }
```

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

```
.background{ background-color: rgb(58, 50,  
62) }
```

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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