

Converting Colors

CIELCh(22, 5.971, 335.903)

Have a look what the booklet for
CIELCh(22, 5.971, 335.903) contains.

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Color

CIELCh(22, 5.791, 336.578)

Conversions

Conversions Part 1

Format	Color
Hex	3B3238
RGB	59, 50, 56
RGB Percent	23%, 20%, 22%
CMY	0.7680, 0.8033, 0.7798
CMYK	0.00, 0.15, 0.05, 0.77
HSL	320°, 8%, 21%
HSV	320°, 15%, 23%
XYZ	3.6772, 3.5154, 4.2455
YIQ	53.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

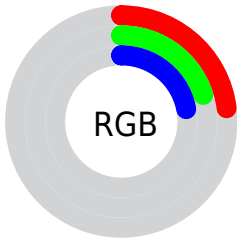
Format	Color
RYB	59, 50, 56
Decimal	3879480
CIELab	22.00, 5.31, -2.30
CIELCh	22, 5.791, 336.578
Yxy	3.5154, 0.3215, 0.3073
Android (android.graphics.Color)	4282069560 (0xFF3B3238)
YUV	53.3750, 1.2941, 4.9331
Hunter-Lab	18.7494, 2.1961, -0.3006

Details

The CIELCh color **22, 5.791, 336.578** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 5.748, 154.723**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 5.947, 334.855**, and **2, 5.999, 335.803** is the 20% darker color. If you saturate the color by 10%, you get **20, 9.640, 337.252**, and if you desaturate by 10%, it is **24, 1.972, 335.907**.

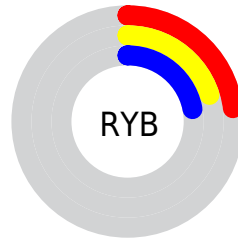
Distribution



Red (23%)

Green (20%)

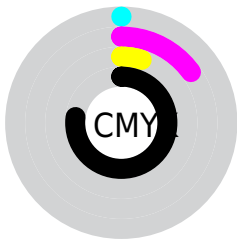
Blue (22%)



Red (23%)

Yellow (20%)

Blue (22%)

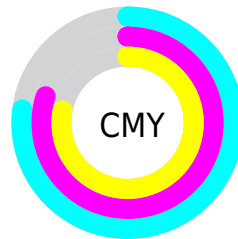


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (77%)



Cyan (77%)

Magenta (80%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 22, 5.791, 336.578 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, 5.791, 336.578 by changing the saturation by 10% instead.

■ 22, 5.791, 336.578

■ 22, 5.791, 336.578

■ 100, 5.791,
336.578

■ 12, 5.791, 336.578

■ 42, 5.791, 336.578

■ 2, 5.791, 336.578

■ 52, 5.791, 336.578

■ 0, 5.791, 336.578

■ 62, 5.791, 336.578

■ 72, 5.791, 336.578

■ 82, 5.791, 336.578

■ 92, 5.791, 336.578

■ 22, 5.791, 336.578

■ 22, 5.791, 336.578

20, 9.640, 337.252

24, 1.972, 335.907

18, 13.476,
337.962

26, 1.782, 155.477

17, 17.227,
338.722

28, 5.454, 154.865

30, 9.033, 154.328

15, 20.802,
339.547

32, 12.515,
153.825

14, 24.084,
340.454

34, 15.900,
153.351

12, 26.934,
341.470

36, 19.189,
152.903

11, 29.234,
342.625

38, 22.388,
152.478

10, 31.555,
343.703

40, 25.500,
152.077

10, 32.788,
344.152

Harmonies

Complementary

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



22, 5.791, 336.578



24, 5.748, 154.723

Rectangle

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



22, 5.791, 336.578



22, 5.791, 26.578



22, 5.791, 156.578



22, 5.791, 206.578

Sweetspot

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



22, 5.790, 336.580



31, 2.342, 335.908



21, 6.243, 303.798



14, 1.568, 335.923



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



22, 5.790, 336.580



28, 8.505, 336.818



22, 4.371, 7.012



10, 2.163, 336.136



19, 44.259, 345.802



49, 81.227, 347.734

Inverse Universe

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



22, 5.790, 336.580



28, 8.505, 336.818



24, 4.128, 184.743



10, 2.163, 336.136



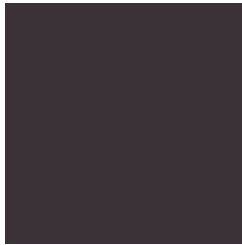
19, 44.259, 345.802



49, 81.227, 347.734

Previews

White Background



This preview shows how the CIELCh color 22, 5.791, 336.578 looks on a white background.

Color Contrast Check

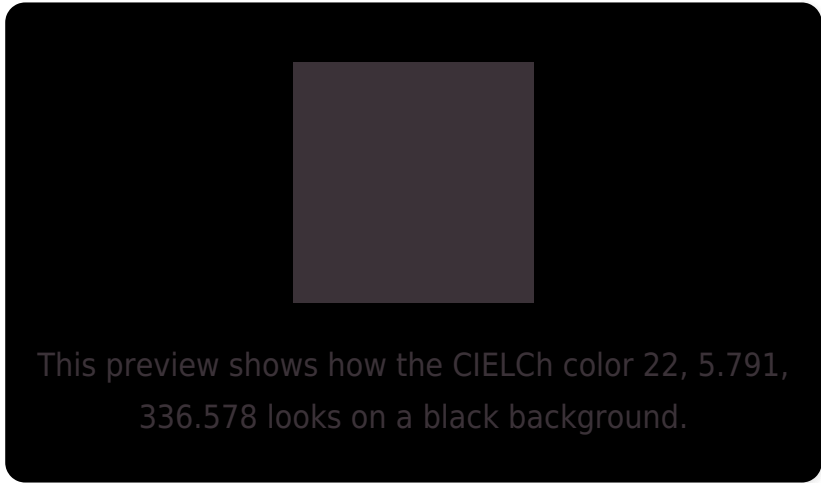
Large Text (above 18pt) WCAG AA ✓ Pass

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

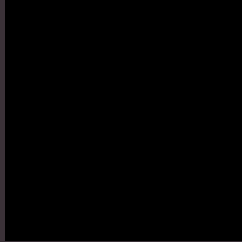
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 5.791, 336.578

Background



This preview shows how black text looks on a background with the CIELCh color 22, 5.791, 336.578.

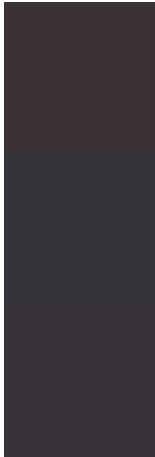


This preview shows how white text looks on a background with the CIELCh color 22, 5.791, 336.578.

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, 5.791, 336.578

Protanopia

22, 4.036, 291.094

Deuteranopia

22, 4.084, 324.832



Tritanopia
22, 4.983, 347.899

Trichromacy



Original Color

22, 5.791, 336.578

Protanomaly

22, 4.446, 315.027

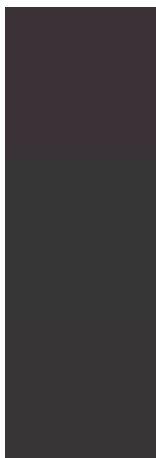
Deuteranomaly

22, 4.358, 329.907

Tritanomaly

22, 5.360, 341.801

Monochromacy



Original Color

22, 5.791, 336.578

Achromatopsia

23, 0.004, 296.813

Achromatomaly

23, 1.933, 335.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 5.791, 336.578 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(59, 50, 56)` looks like.

```
.text, #text, p{  
    color:rgb(59, 50, 56)  
}
```

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(59, 50, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 50, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 5.791, 336.578 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(59, 50, 56) }
```

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

```
.border{ border-color:rgb(59, 50, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 50, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 50, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 50, 56);  
box-shadow:4px 4px 4px 4px rgb(59, 50, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 5.791, 336.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 50, 56) }
```

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

```
.background{ background-color: rgb(59, 50,  
56) }
```

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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