

Converting Colors

CIELCh(22, 12.585, 151.591)

Have a look what the booklet for
CIELCh(22, 12.585, 151.591)
contains.

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Color

CIELCh(22, 12.370, 152.624)

Conversions

Conversions Part 1

Format	Color
Hex	26392C
RGB	38, 57, 44
RGB Percent	15%, 22%, 17%
CMY	0.8511, 0.7766, 0.8276
CMYK	0.33, 0.00, 0.23, 0.78
HSL	139°, 20%, 19%
HSV	139°, 33%, 22%
XYZ	2.7131, 3.5154, 2.9148
YIQ	49.8370, -7.1510, -8.0710

Conversions

Conversions Part 2

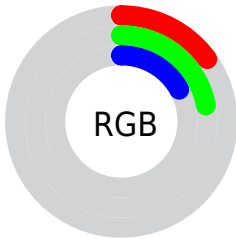
Format	Color
R _Y B	38, 52, 57
Decimal	2505004
CIE Lab	22.00, -10.98, 5.69
CIE LCh	22, 12.370, 152.624
Yxy	3.5154, 0.2967, 0.3845
Android (android.graphics.Color)	4280695084 (0xFF26392C)
YUV	49.8370, -2.8776, -10.3810
Hunter-Lab	18.7494, -6.9818, 3.9073

Details

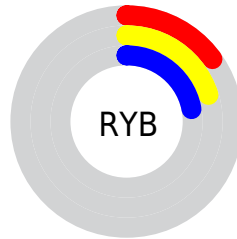
The CIELCh color **22, 12.370, 152.624** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18, 12.516, 337.025**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 12.646, 152.323**, and **3, 6.529, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **22, 16.005, 151.728**, and if you desaturate by 10%, it is **23, 8.671, 153.420**.

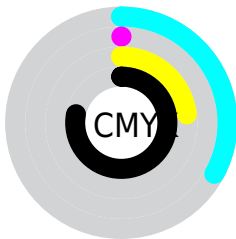
Distribution



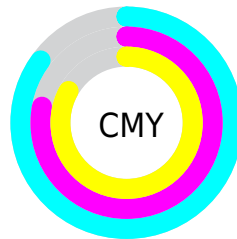
- Red (15%)
- Green (22%)
- Blue (17%)



- Red (15%)
- Yellow (20%)
- Blue (22%)



- Cyan (33%)
- Magenta (0%)
- Yellow (23%)
- Black (78%)





- Cyan (85%)
- Magenta (78%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 12.370, 152.624 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, 12.370, 152.624 by changing the saturation by 10% instead.

 22, 12.370,
152.624


 22, 12.370,
152.624

 100, 12.370,
152.624


 12, 12.370,
152.624


 42, 12.370,
152.624


 2, 12.370, 152.624


 52, 12.370,
152.624

 0, 12.370, 152.624

 62, 12.370,
152.624

 72, 12.370,
152.624

 82, 12.370,
152.624

 92, 12.370,

152.624

■ 22, 12.370,
152.624

■ 22, 12.370,
152.624

■ 22, 16.005,
151.728

■ 23, 8.671, 153.420

■ 23, 4.948, 154.136

■ 21, 19.527,
150.720

■ 24, 1.235, 154.851

■ 21, 22.887,
149.585

■ 24, 2.440, 335.242

■ 20, 26.031,
148.314

■ 25, 6.056, 335.785

■ 26, 9.598, 336.255

■ 20, 28.915,
146.905

■ 27, 13.056,
336.679

■ 20, 31.666,
145.664

■ 28, 16.424,

■ 20, 33.471,
145.030

337.066

■ 28, 19.698,
337.422

Harmonies

Complementary

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



22, 12.370, 152.624



18, 12.516, 337.025

Rectangle

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



22, 12.370, 152.624



22, 12.370, 202.624



22, 12.370, 332.624



22, 12.370, 22.624

Sweetspot

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



22, 12.371, 152.624



31, 4.602, 154.333



23, 12.807, 120.146



15, 3.171, 154.301



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, 12.371, 152.624



29, 18.382, 151.865



22, 8.642, 180.614



10, 2.021, 154.480



33, 47.987, 143.190



77, 94.087, 141.396

Inverse Universe

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



18, 12.516, 337.025



23, 18.621, 337.638



18, 9.727, 6.383



9, 2.031, 335.376



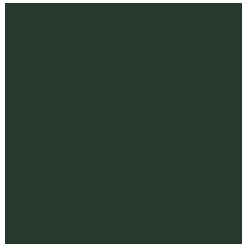
18, 43.907, 344.500



49, 81.386, 346.338

Previews

White Background



This preview shows how the CIELCh color 22, 12.370, 152.624 looks on a white background.

Color Contrast Check

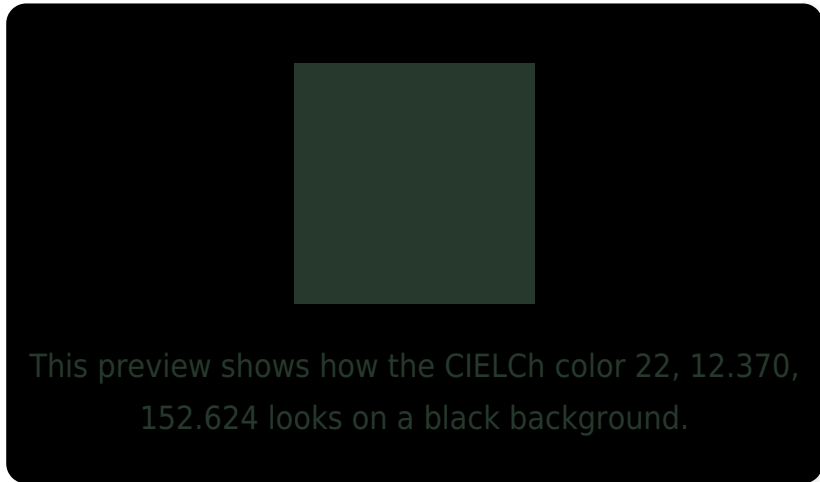
Large Text (above 18pt) WCAG AA ✓ Pass

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

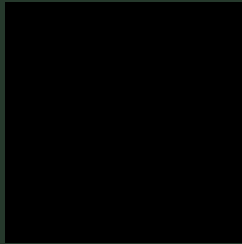
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 12.370, 152.624

Background



This preview shows how black text looks on a background with the CIELCh color 22, 12.370, 152.624.

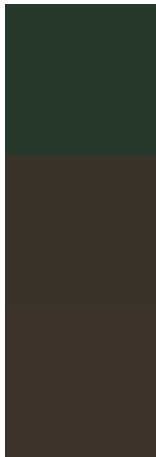


This preview shows how white text looks on a background with the CIELCh color 22, 12.370, 152.624.

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

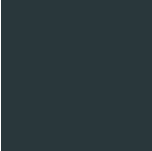
22, 12.370, 152.624

Protanopia

22, 6.977, 92.110

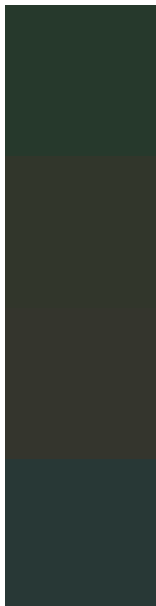
Deuteranopia

22, 6.005, 61.687



Tritanopia
22, 6.376, 223.532

Trichromacy



Original Color
22, 12.370, 152.624

Protanomaly
22, 7.739, 126.660

Deuteranomaly
22, 5.370, 114.098

Tritanomaly
22, 7.096, 187.155

Monochromacy



Original Color
22, 12.370, 152.624

Achromatopsia
21, 0.004, 296.813

Achromatomaly
21, 4.709, 152.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 12.370, 152.624 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(38, 57, 44)` looks like.

```
.text, #text, p{  
    color:rgb(38, 57, 44)  
}
```

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(38, 57, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 57, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 12.370, 152.624 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(38, 57, 44) }
```

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

```
.border{ border-color:rgb(38, 57, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 57, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 57, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 57, 44);  
box-shadow:4px 4px 4px 4px rgb(38, 57, 44)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 12.370, 152.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 57, 44) }
```

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

```
.background{ background-color: rgb(38, 57,  
44) }
```

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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