

Converting Colors

CIELCh(22, 12.093, 184.665)

Have a look what the booklet for
CIELCh(22, 12.093, 184.665)
contains.

CIELCh(22, 12.130, 184.359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(22, 12.130, 184.359)

Conversions

Conversions Part 1

Format	Color
Hex	1D3A36
RGB	29, 58, 54
RGB Percent	11%, 23%, 21%
CMY	0.8875, 0.7738, 0.7894
CMYK	0.50, 0.00, 0.07, 0.77
HSL	172°, 34%, 17%
HSV	172°, 50%, 23%
XYZ	2.6544, 3.5154, 3.9916
YIQ	48.8730, -16.0000, -7.3920

Conversions

Conversions Part 2

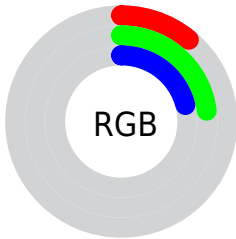
Format	Color
R_{YB}	29, 45, 58
Decimal	1915446
CIE Lab	22.00, -12.09, -0.92
CIE LCh	22, 12.130, 184.359
Yxy	3.5154, 0.2612, 0.3460
Android (android.graphics.Color)	4280105526 (0xFF1D3A36)
YUV	48.8730, 2.5276, -17.4286
Hunter-Lab	18.7494, -7.5407, 0.5024

Details

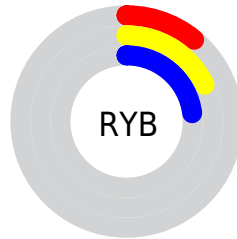
The CIELCh color **22, 12.130, 184.359** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15, 15.170, 13.512**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 11.931, 186.231**, and **3, 4.419, 175.361** is the 20% darker color. If you saturate the color by 10%, you get **22, 14.032, 183.512**, and if you desaturate by 10%, it is **22, 10.015, 185.163**.

Distribution



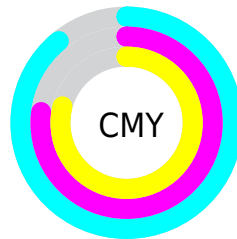
- Red (11%)
- Green (23%)
- Blue (21%)



- Red (11%)
- Yellow (18%)
- Blue (23%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (77%)





- Cyan (89%)
- Magenta (77%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 12.130, 184.359 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, 12.130, 184.359 by changing the saturation by 10% instead.

 22, 12.130,
184.359


 22, 12.130,
184.359

 100, 12.130,
184.359


 12, 12.130,
184.359


 42, 12.130,
184.359


 2, 12.130, 184.359

 52, 12.130,
184.359

 0, 12.130, 184.359

 62, 12.130,
184.359

 72, 12.130,
184.359

 82, 12.130,
184.359

 92, 12.130,

184.359

■ 22, 12.130,
184.359

■ 22, 12.130,
184.359

■ 22, 14.032,
183.512

■ 22, 10.015,
185.163

■ 21, 15.694,
182.618

■ 23, 7.719, 185.940

■ 21, 17.094,
181.662

■ 23, 5.275, 186.698

■ 24, 2.715, 187.462

■ 21, 18.316,
180.693

■ 24, 0.069, 191.257

■ 21, 19.543,
179.865

■ 25, 2.635, 8.697

■ 26, 5.375, 9.417

■ 26, 8.133, 10.096

Harmonies

Complementary

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



22, 12.130, 184.359



15, 15.170, 13.512

Rectangle

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



22, 12.130, 184.359



22, 12.130, 234.359



22, 12.130, 4.359



22, 12.130, 54.359

Sweetspot

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



22, 12.130, 184.357



30, 4.842, 187.045



22, 22.381, 137.652



15, 3.332, 186.992



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, 12.130, 184.357



28, 17.027, 183.300



19, 9.858, 243.871



10, 1.435, 187.622



34, 26.974, 178.732



79, 51.432, 177.460

Inverse Universe

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



15, 15.170, 13.512



18, 22.641, 15.843



18, 12.574, 54.410



9, 1.483, 8.630



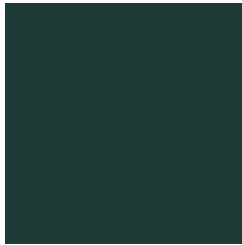
17, 43.716, 28.698



46, 86.959, 34.299

Previews

White Background



This preview shows how the CIE LCh color 22, 12.130, 184.359 looks on a white background.

Color Contrast Check

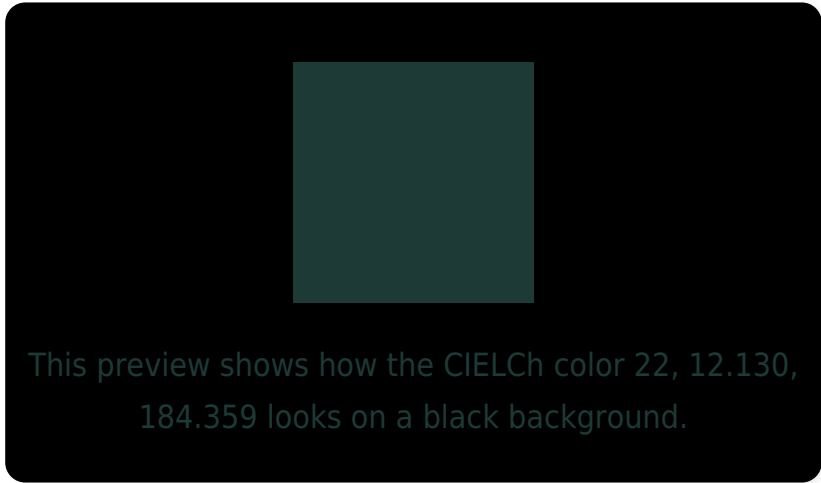
Large Text (above 18pt) WCAG AA ✓ Pass

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

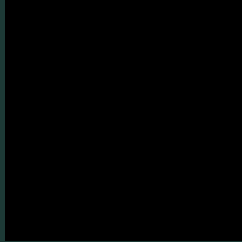
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 12.130, 184.359

Background



This preview shows how black text looks on a background with the CIELCh color 22, 12.130, 184.359.



This preview shows how white text looks on a background with the CIELCh color 22, 12.130, 184.359.

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

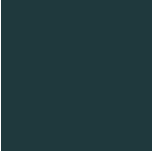
22, 12.130, 184.359

Protanopia

22, 1.145, 55.156

Deuteranopia

22, 3.554, 330.964



Tritanopia
22, 10.349, 212.890

Trichromacy



Original Color
22, 12.130, 184.359

Protanomaly
22, 4.293, 180.329

Deuteranomaly
22, 3.346, 222.741

Tritanomaly
22, 10.669, 201.179

Monochromacy



Original Color
22, 12.130, 184.359

Achromatopsia
20, 0.004, 296.813

Achromatomaly
21, 4.536, 189.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 12.130, 184.359 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(29, 58, 54)` looks like.

```
.text, #text, p{  
    color:rgb(29, 58, 54)  
}
```

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(29, 58, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 58, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 12.130, 184.359 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(29, 58, 54) }
```

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

```
.border{ border-color:rgb(29, 58, 54) }
```

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

Here you see how a box with a 4 pixel rgb(29, 58, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 58, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 58, 54);  
box-shadow:4px 4px 4px 4px rgb(29, 58, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 12.130, 184.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 58, 54) }
```

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

```
.background{ background-color: rgb(29, 58,  
54) }
```

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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