

Converting Colors

CIELCh(31, 23.436, 178.654)

Have a look what the booklet for
CIELCh(31, 23.436, 178.654)
contains.

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Color

CIELCh(31, 23.370, 178.547)

Conversions

Conversions Part 1

Format	Color
Hex	0E5247
RGB	14, 82, 71
RGB Percent	5%, 32%, 28%
CMY	0.9462, 0.6767, 0.7199
CMYK	0.83, 0.00, 0.13, 0.68
HSL	170°, 71%, 19%
HSV	170°, 83%, 32%
XYZ	4.3774, 6.6515, 7.0846
YIQ	60.4140, -36.9970, -17.8370

Conversions

Conversions Part 2

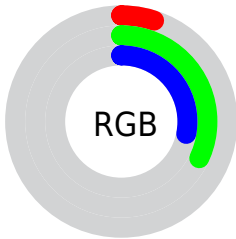
Format	Color
R_{YB}	14, 51, 82
Decimal	938567
CIE _{Lab}	31.00, -23.36, 0.59
CIE _{LCh}	31, 23.370, 178.547
Yxy	6.6515, 0.2417, 0.3672
Android (android.graphics.Color)	4279128647 (0xFF0E5247)
YUV	60.4140, 5.2189, -40.7051
Hunter-Lab	25.7905, -14.8368, 1.7664

Details

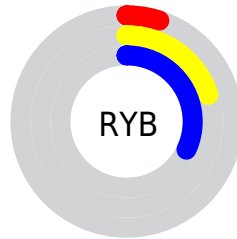
The CIELCh color **31, 23.370, 178.547** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16, 34.087, 21.321**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 23.417, 178.031**, and **12, 16.231, 171.894** is the 20% darker color. If you saturate the color by 10%, you get **31, 24.727, 177.294**, and if you desaturate by 10%, it is **31, 21.694, 179.726**.

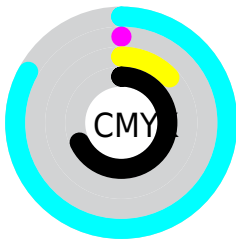
Distribution



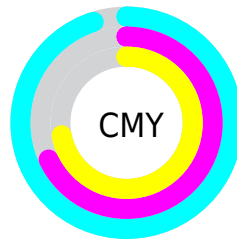
- Red (5%)
- Green (32%)
- Blue (28%)



- Red (5%)
- Yellow (20%)
- Blue (32%)



- Cyan (83%)
- Magenta (0%)
- Yellow (13%)
- Black (68%)





- Cyan (95%)
- Magenta (68%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 23.370, 178.547 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 31, 23.370, 178.547 by changing the saturation by 10% instead.


 31, 23.370,
178.547


 31, 23.370,
178.547

 100, 23.370,
178.547


 21, 23.370,
178.547

 51, 23.370,
178.547


 11, 23.370,
178.547


 61, 23.370,
178.547

 1, 23.370, 178.547

 71, 23.370,
178.547

 0, 23.370, 178.547

 81, 23.370,
178.547

 91, 23.370,
178.547

■ 31, 23.370,
178.547

■ 31, 23.370,
178.547

■ 31, 24.727,
177.294

■ 31, 21.694,
179.726

■ 31, 25.622,
176.521

■ 32, 19.636,
180.809

■ 32, 17.218,
181.814

■ 32, 14.475,
182.755

■ 33, 11.454,
183.646

■ 33, 8.204, 184.500

■ 34, 4.777, 185.336

■ 35, 1.219, 186.288

Harmonies

Complementary

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



31, 23.370, 178.547



16, 34.087, 21.321

Rectangle

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



31, 23.370, 178.547



31, 23.370, 228.547



31, 23.370, 358.547



31, 23.370, 48.547

Sweetspot

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



31, 23.370, 178.546



43, 10.839, 184.290



30, 45.918, 135.082



21, 7.277, 184.124



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



31, 23.370, 178.546



40, 30.935, 175.938



23, 19.219, 251.284



16, 1.993, 185.735



39, 30.397, 175.987



83, 55.229, 174.801

Inverse Universe

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



16, 34.087, 21.321



21, 48.992, 29.255



21, 31.182, 51.082



15, 2.064, 6.951



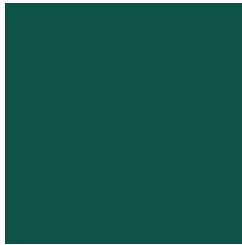
20, 48.067, 29.026



49, 89.563, 33.071

Previews

White Background



This preview shows how the CIELCh color 31, 23.370, 178.547 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 31, 23.370, 178.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

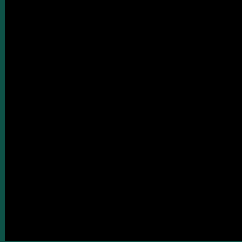
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 23.370, 178.547

Background



This preview shows how black text looks on a background with the CIELCh color 31, 23.370, 178.547.



This preview shows how white text looks on a background with the CIELCh color 31, 23.370, 178.547.

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

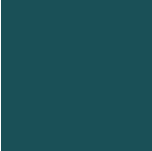
31, 23.242, 178.467

Protanopia

31, 4.636, 92.228

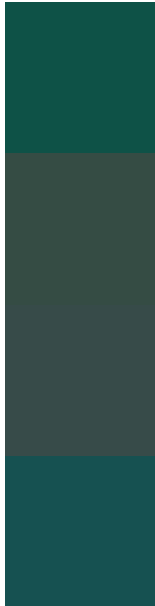
Deuteranopia

31, 4.023, 351.765



Tritanopia
31, 17.655, 211.911

Trichromacy



Original Color
31, 23.242, 178.467

Protanomaly
30, 11.032, 170.081

Deuteranomaly
30, 8.379, 189.322

Tritanomaly
31, 19.095, 196.744

Monochromacy



Original Color
31, 23.242, 178.467

Achromatopsia
26, 0.004, 296.813

Achromatomaly
27, 10.673, 183.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 23.370, 178.547 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(14, 82, 71)` looks like.

```
.text, #text, p{  
    color:rgb(14, 82, 71)  
}
```

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(14, 82, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 82, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 23.370, 178.547 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(14, 82, 71) }
```

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

```
.border{ border-color:rgb(14, 82, 71) }
```

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

Here you see how a box with a 4 pixel rgb(14, 82, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 82, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 82, 71);  
box-shadow:4px 4px 4px 4px rgb(14, 82, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 23.370, 178.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 82, 71) }
```

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

```
.background{ background-color: rgb(14, 82,  
71) }
```

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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