

Converting Colors

CIELCh(41, 23.197, 161.541)

Have a look what the booklet for
CIELCh(41, 23.197, 161.541)
contains.

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Color

CIELCh(41, 23.171, 161.589)

Conversions

Conversions Part 1

Format	Color
Hex	3A6A54
RGB	58, 106, 84
RGB Percent	23%, 42%, 33%
CMY	0.7723, 0.5840, 0.6703
CMYK	0.45, 0.00, 0.21, 0.58
HSL	152°, 29%, 32%
HSV	152°, 45%, 42%
XYZ	8.5124, 11.8645, 10.2421
YIQ	89.1400, -21.5460, -17.0180

Conversions

Conversions Part 2

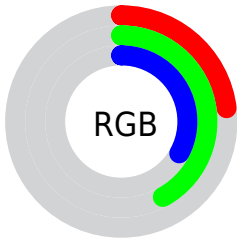
Format	Color
RYB	58, 89, 106
Decimal	3828308
CIELab	41.00, -21.99, 7.32
CIElCh	41, 23.171, 161.589
Yxy	11.8645, 0.2780, 0.3875
Android (android.graphics.Color)	4282018388 (0xFF3A6A54)
YUV	89.1400, -2.5340, -27.3098
Hunter-Lab	34.4449, -16.1656, 6.4817

Details

The CIELCh color **41, 23.171, 161.589** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 24.658, 350.520**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 23.208, 161.814**, and **21, 23.101, 161.806** is the 20% darker color. If you saturate the color by 10%, you get **40, 27.775, 160.300**, and if you desaturate by 10%, it is **42, 18.292, 162.740**.

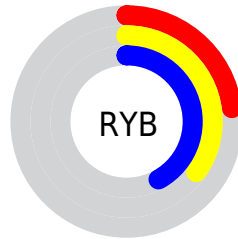
Distribution



Red (23%)

Green (42%)

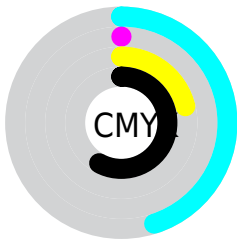
Blue (33%)



Red (23%)

Yellow (35%)

Blue (42%)

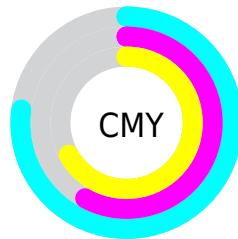


Cyan (45%)

Magenta (0%)

Yellow (21%)

Black (58%)



Cyan (77%)


Magenta (58%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 23.171, 161.589 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 41, 23.171, 161.589 by changing the saturation by 10% instead.


 41, 23.171,
161.589


 41, 23.171,
161.589


 100, 23.171,
161.589


 31, 23.171,
161.589

 61, 23.171,
161.589


 21, 23.171,
161.589


 71, 23.171,
161.589

 11, 23.171,
161.589


 81, 23.171,
161.589

 1, 23.171, 161.589

 91, 23.171,
161.589

 0, 23.171, 161.589

 41, 23.171,

 41, 23.171,

161.589

161.589

■ 40, 27.775,
160.300

■ 42, 18.292,
162.740

■ 40, 32.025,
158.855

■ 42, 13.216,
163.776

■ 40, 35.860,
157.233

■ 43, 8.017, 164.721

■ 39, 39.237,
155.422

■ 44, 2.762, 165.632

■ 45, 2.495, 346.209

■ 39, 42.202,
153.477

■ 46, 7.708, 346.999

■ 39, 43.581,
152.624

■ 48, 12.846,
347.682

■ 49, 17.885,
348.313

■ 50, 22.807,
348.904

Harmonies

Complementary

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



41, 23.171, 161.589



31, 24.658, 350.520

Rectangle

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



41, 23.171, 161.589



41, 23.171, 211.589



41, 23.171, 341.589



41, 23.171, 31.589

Sweetspot

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



41, 23.172, 161.588



56, 9.116, 164.800



42, 30.426, 128.247



28, 6.244, 164.654



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 23.172, 161.588



52, 33.611, 160.269



41, 16.459, 200.902



22, 2.978, 165.286



43, 47.071, 152.340



85, 83.335, 150.893

Inverse Universe

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



31, 24.658, 350.520



38, 36.085, 352.029



31, 22.474, 25.997



21, 3.019, 346.629



24, 47.627, 3.957



52, 81.853, 6.920

Previews

White Background



This preview shows how the CIELCh color 41, 23.171, 161.589 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 × Fail

Black Background



This preview shows how the CIELCh color 41, 23.171, 161.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 23.171, 161.589

Background



This preview shows how black text looks on a background with the CIELCh color 41, 23.171, 161.589.



This preview shows how white text looks on a background with the CIELCh color 41, 23.171, 161.589.

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

41, 23.171, 161.589

Protanopia

41, 10.611, 93.927

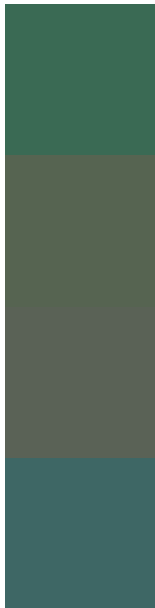
Deuteranopia

41, 7.950, 47.202



Tritanopia
41, 14.059, 221.055

Trichromacy



Original Color
41, 23.171, 161.589

Protanomaly
41, 12.997, 136.076

Deuteranomaly
41, 8.056, 134.193

Tritanomaly
41, 15.233, 192.958

Monochromacy



Original Color
41, 23.171, 161.589

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 8.658, 163.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 23.171, 161.589 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, 106, 84)` looks like.

```
.text, #text, p{  
    color:rgb(58, 106, 84)  
}
```

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, 106, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 106, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 23.171, 161.589 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, 106, 84) }
```

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

```
.border{ border-color:rgb(58, 106, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 106, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 106, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 106, 84);  
box-shadow:4px 4px 4px 4px rgb(58, 106,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 23.171, 161.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 106, 84) }
```

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

```
.background{ background-color: rgb(58, 106,  
84) }
```

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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