

Converting Colors

CIELCh(43, 31.984, 161.604)

Have a look what the booklet for
CIELCh(43, 31.984, 161.604)
contains.

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Color

CIELCh(43, 31.980, 161.681)

Conversions

Conversions Part 1

Format	Color
Hex	297254
RGB	41, 114, 84
RGB Percent	16%, 45%, 33%
CMY	0.8390, 0.5528, 0.6704
CMYK	0.64, 0.00, 0.26, 0.55
HSL	155°, 47%, 30%
HSV	155°, 64%, 45%
XYZ	8.5406, 13.1578, 10.4855
YIQ	88.7530, -33.8780, -24.8060

Conversions

Conversions Part 2

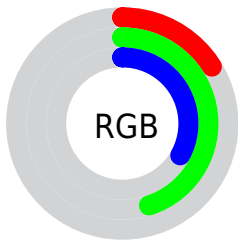
Format	Color
R_{YB}	41, 87, 114
Decimal	2716244
CIE Lab	43.00, -30.36, 10.05
CIE LCh	43, 31.980, 161.681
Yxy	13.1578, 0.2654, 0.4088
Android (android.graphics.Color)	4280906324 (0xFF297254)
YUV	88.7530, -2.3432, -41.8794
Hunter-Lab	36.2736, -21.4512, 8.2528

Details

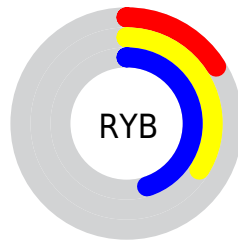
The CIELCh color **43, 31.980, 161.681** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **28, 35.339, 356.942**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 31.435, 162.088**, and **23, 28.344, 157.829** is the 20% darker color. If you saturate the color by 10%, you get **43, 35.824, 160.068**, and if you desaturate by 10%, it is **44, 27.693, 163.120**.

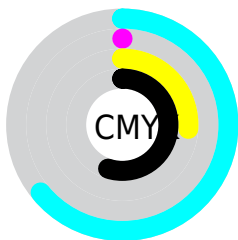
Distribution



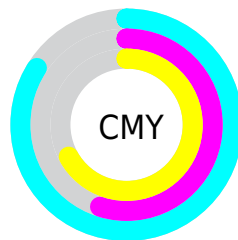
- Red (16%)
- Green (45%)
- Blue (33%)



- Red (16%)
- Yellow (34%)
- Blue (45%)



- Cyan (64%)
- Magenta (0%)
- Yellow (26%)
- Black (55%)





- Cyan (84%)
- Magenta (55%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 31.980, 161.681 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 43, 31.980, 161.681 by changing the saturation by 10% instead.


 43, 31.980,
161.681


 43, 31.980,
161.681


 100, 31.980,
161.681


 33, 31.980,
161.681

 63, 31.980,
161.681


 23, 31.980,
161.681

 73, 31.980,
161.681

 13, 31.980,
161.681

 83, 31.980,
161.681

 3, 31.980, 161.681

 93, 31.980,
161.681

 0, 31.980, 161.681

 43, 31.980,

 43, 31.980,

161.681

161.681

■ 43, 35.824,
160.068

■ 44, 27.693,
163.120

■ 42, 39.182,
158.266

■ 44, 23.027,
164.408

■ 42, 42.071,
156.292

■ 45, 18.061,
165.565

■ 42, 43.737,
155.167

■ 46, 12.878,
166.613

■ 47, 7.555, 167.578

■ 48, 2.162, 168.543

■ 49, 3.244, 349.123

■ 50, 8.615, 349.927

■ 51, 13.917,
350.641

Harmonies

Complementary

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



43, 31.980, 161.681



28, 35.339, 356.942

Rectangle

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



43, 31.980, 161.681



43, 31.980, 211.681



43, 31.980, 341.681



43, 31.980, 31.681

Sweetspot

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



43, 31.980, 161.680



59, 12.652, 167.057



44, 45.111, 129.215



30, 8.639, 166.841



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 31.980, 161.680



54, 45.308, 159.195



42, 21.188, 207.201



23, 2.997, 168.045



44, 45.427, 155.034



86, 79.636, 153.635

Inverse Universe

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



28, 35.339, 356.942



34, 49.949, 0.712



29, 34.435, 32.439



22, 3.047, 349.446



24, 48.334, 8.488



53, 82.869, 11.637

Previews

White Background



This preview shows how the CIELCh color 43, 31.980, 161.681 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 CIE LCh color 43, 31.980, 161.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

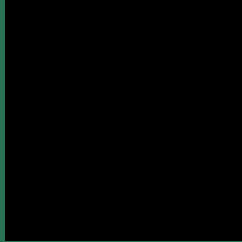
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 31.980, 161.681

Background



This preview shows how black text looks on a background with the CIELCh color 43, 31.980, 161.681.



This preview shows how white text looks on a background with the CIELCh color 43, 31.980, 161.681.

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

43, 31.980, 161.681

Protanopia

43, 14.107, 95.190

Deuteranopia

43, 10.045, 52.560



Tritanopia
43, 18.898, 212.335

Trichromacy



Original Color
43, 31.980, 161.681

Protanomaly
42, 18.227, 138.944

Deuteranomaly
42, 11.352, 140.258

Tritanomaly
43, 21.480, 188.822

Monochromacy



Original Color
43, 31.980, 161.681

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 12.655, 165.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 31.980, 161.681 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(41, 114, 84)` looks like.

```
.text, #text, p{  
    color:rgb(41, 114, 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(41, 114, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 114, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 31.980, 161.681 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(41, 114, 84) }
```

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

```
.border{ border-color:rgb(41, 114, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 114, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 114, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 114, 84);  
box-shadow:4px 4px 4px 4px rgb(41, 114,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 31.980, 161.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 114, 84) }
```

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

```
.background{ background-color: rgb(41, 114,  
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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