

Converting Colors

CIELCh(52, 33.105, 31.151)

Have a look what the booklet for
CIELCh(52, 33.105, 31.151) contains.

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Color

CIELCh(52, 33.105, 31.151)

Conversions

Conversions Part 1

Format	Color
Hex	B16860
RGB	177, 104, 96
RGB Percent	69%, 41%, 38%
CMY	0.3052, 0.5916, 0.6230
CMYK	0.00, 0.41, 0.46, 0.31
HSL	6°, 34%, 54%
HSV	6°, 46%, 69%
XYZ	25.2527, 20.1443, 13.6579
YIQ	124.9150, 46.0760, 12.9880

Conversions

Conversions Part 2

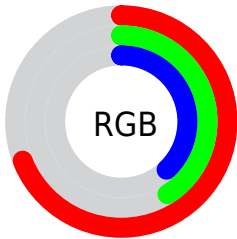
Format	Color
R_{YB}	177, 105, 96
Decimal	11626592
CIE _{Lab}	52.00, 28.33, 17.13
CIE _{LCh}	52, 33.105, 31.151
Yxy	20.1443, 0.4276, 0.3411
Android (android.graphics.Color)	4289816672 (0xFFB16860)
YUV	124.9150, -14.2551, 45.6785
Hunter-Lab	44.8824, 21.8871, 13.3755

Details

The CIELCh color **52, 33.105, 31.151** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65, 23.497, 208.580**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 33.037, 30.656**, and **32, 32.973, 30.742** is the 20% darker color. If you saturate the color by 10%, you get **48, 41.789, 32.480**, and if you desaturate by 10%, it is **56, 24.889, 30.165**.

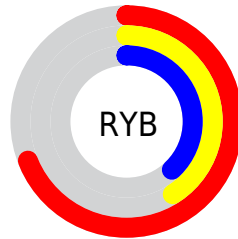
Distribution



Red (69%)

Green (41%)

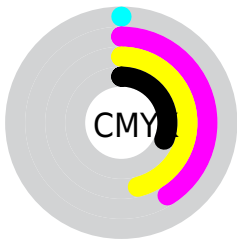
Blue (38%)



Red (69%)

Yellow (41%)

Blue (38%)

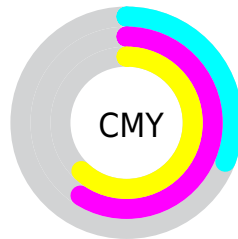


Cyan (0%)

Magenta (41%)

Yellow (46%)

Black (31%)



Cyan (31%)

Magenta (59%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 33.105, 31.151 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 52, 33.105, 31.151 by changing the saturation by 10% instead.

■ 52, 33.105, 31.151

■ 52, 33.105, 31.151

■ 100, 33.105,
31.151

■ 42, 33.105, 31.151

■ 72, 33.105, 31.151

■ 32, 33.105, 31.151

■ 82, 33.105, 31.151

■ 22, 33.105, 31.151

■ 92, 33.105, 31.151

■ 12, 33.105, 31.151

■ 2, 33.105, 31.151

■ 0, 33.105, 31.151

■ 52, 33.105, 31.151

■ 52, 33.105, 31.151

■ 48, 41.789, 32.480

■ 56, 24.889, 30.165

■ 45, 50.795, 34.188

■ 60, 17.216, 29.442

42, 59.851, 36.261

65, 10.104, 28.920

40, 68.424, 38.487

70, 3.535, 28.488

38, 75.397, 40.267

74, 2.528, 208.617

37, 78.059, 41.199

79, 8.131, 208.354

84, 13.325,
208.275

89, 18.155,
208.261

93, 22.654,
207.500

Harmonies

Complementary

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



52, 33.105, 31.151



65, 23.497, 208.580

Rectangle

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



52, 33.105, 31.151



52, 33.105, 81.151



52, 33.105, 211.151



52, 33.105, 261.151

Sweetspot

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



52, 33.103, 31.155



83, 11.029, 28.855



53, 50.540, 329.353



43, 7.672, 28.948



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



52, 33.103, 31.155



62, 50.931, 32.510



62, 30.571, 77.855



35, 3.565, 28.650



32, 69.541, 41.064



2, 8.504, 26.269

Inverse Universe

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



65, 23.497, 208.580



81, 32.938, 209.010



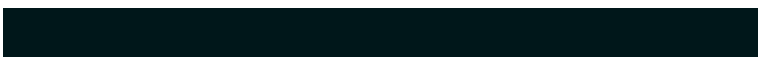
54, 28.702, 272.099



37, 3.359, 208.418



52, 30.543, 213.677



6, 8.009, 213.232

Previews

White Background



This preview shows how the CIELCh color 52, 33.105, 31.151 looks on a white background.

Color Contrast Check

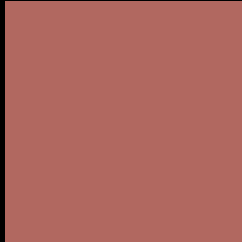
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 33.105, 31.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

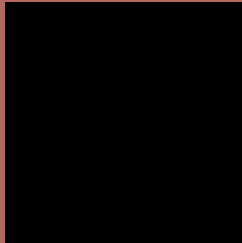
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 33.105, 31.151

Background



This preview shows how black text looks on a background with the CIELCh color 52, 33.105, 31.151.

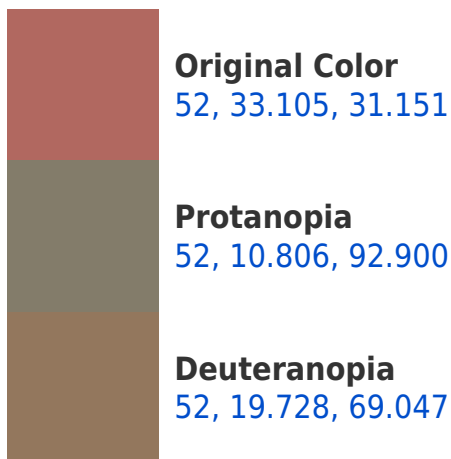


This preview shows how white text looks on a background with the CIELCh color 52, 33.105, 31.151.

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





Tritanopia
52, 32.645, 15.810

Trichromacy



Original Color
52, 33.105, 31.151

Protanomaly
52, 16.221, 52.633

Deuteranomaly
52, 23.182, 50.674

Tritanomaly
52, 32.561, 21.615

Monochromacy



Original Color
52, 33.105, 31.151

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 11.395, 26.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 33.105, 31.151 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(177, 104, 96)` looks like.

```
.text, #text, p{  
    color:rgb(177, 104, 96)  
}
```

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(177, 104, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 104, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 33.105, 31.151 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(177, 104, 96) }
```

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

```
.border{ border-color:rgb(177, 104, 96) }
```

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

Here you see how a box with a 4 pixel rgb(177, 104, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 104, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 104, 96);  
box-shadow:4px 4px 4px 4px rgb(177, 104,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 33.105, 31.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 104, 96) }
```

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

```
.background{ background-color: rgb(177,  
104, 96) }
```

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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