

Converting Colors

CIELCh(48, 31.950, 26.755)

Have a look what the booklet for
CIELCh(48, 31.950, 26.755) contains.

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Color

CIELCh(48, 31.956, 26.721)

Conversions

Conversions Part 1

Format	Color
Hex	A55E5B
RGB	165, 94, 91
RGB Percent	65%, 37%, 36%
CMY	0.3525, 0.6309, 0.6427
CMYK	0.00, 0.43, 0.45, 0.35
HSL	2°, 29%, 50%
HSV	2°, 45%, 65%
XYZ	21.4479, 16.7945, 12.0325
YIQ	114.8870, 43.2790, 14.1190

Conversions

Conversions Part 2

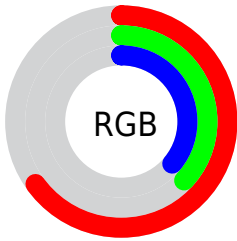
Format	Color
RYB	165, 94, 91
Decimal	10837595
CIELab	48.00, 28.54, 14.37
CIElCh	48, 31.956, 26.721
Yxy	16.7945, 0.4266, 0.3341
Android (android.graphics.Color)	4289027675 (0xFFA55E5B)
YUV	114.8870, -11.7763, 43.9491
Hunter-Lab	40.9810, 21.7033, 11.2785

Details

The CIELCh color **48, 31.956, 26.721** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 23.087, 201.682**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 31.974, 26.359**, and **28, 31.928, 27.333** is the 20% darker color. If you saturate the color by 10%, you get **44, 40.334, 28.430**, and if you desaturate by 10%, it is **52, 23.954, 25.419**.

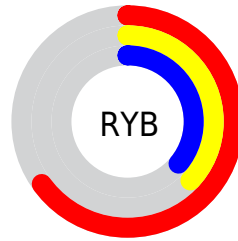
Distribution



Red (65%)

Green (37%)

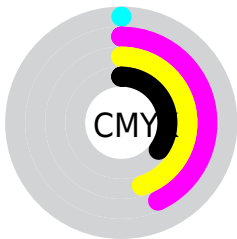
Blue (36%)



Red (65%)

Yellow (37%)

Blue (36%)

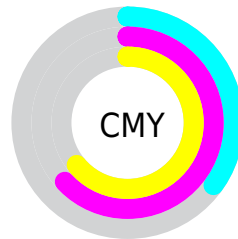


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (35%)



Cyan (35%)













Magenta (63%)







Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 31.956, 26.721 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 48, 31.956, 26.721 by changing the saturation by 10% instead.

 48, 31.956, 26.721	 48, 31.956, 26.721
 100, 31.956, 26.721	 38, 31.956, 26.721
 68, 31.956, 26.721	 28, 31.956, 26.721
 78, 31.956, 26.721	 18, 31.956, 26.721
 88, 31.956, 26.721	 8, 31.956, 26.721
 98, 31.956, 26.721	 0, 31.956, 26.721

 48, 31.956, 26.721	 48, 31.956, 26.721
 44, 40.334, 28.430	 52, 23.954, 25.419
 41, 48.919, 30.613	 56, 16.435, 24.426

38, 57.435, 33.285

61, 9.434, 23.663

36, 65.423, 36.262

66, 2.952, 22.993

35, 71.929, 38.915

70, 3.042, 202.895

34, 74.774, 40.341

75, 8.589, 202.478

80, 13.733,
202.221

84, 18.523,
202.037

89, 23.000,
201.902

Harmonies

Complementary

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



48, 31.956, 26.721



62, 23.087, 201.682

Rectangle

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



48, 31.956, 26.721



48, 31.956, 76.721



48, 31.956, 206.721



48, 31.956, 256.721

Sweetspot

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



48, 31.954, 26.725



78, 10.160, 23.557



50, 48.461, 327.737



40, 7.157, 23.699



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



48, 31.954, 26.725



57, 49.121, 28.461



57, 27.541, 73.233



32, 3.488, 23.301



30, 67.507, 39.922



1, 5.267, 22.588

Inverse Universe

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



62, 23.087, 201.682



78, 32.524, 201.630



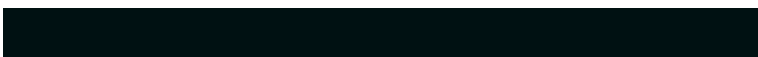
52, 24.924, 266.908



34, 3.291, 202.652



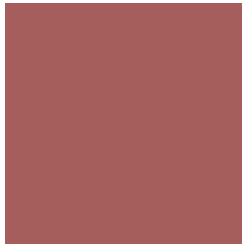
53, 31.229, 202.901



4, 5.182, 204.149

Previews

White Background



This preview shows how the CIELCh color 48, 31.956, 26.721 looks on a white background.

Color Contrast Check

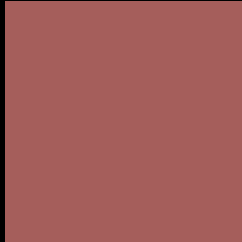
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 31.956, 26.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

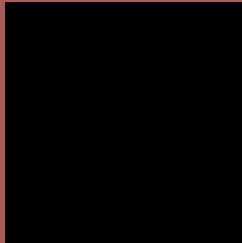
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 31.956, 26.721

Background



This preview shows how black text looks on a background with the CIELCh color 48, 31.956, 26.721.

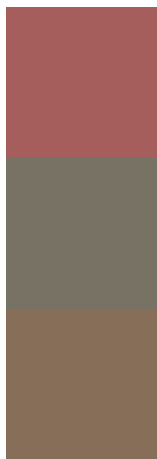


This preview shows how white text looks on a background with the CIELCh color 48, 31.956, 26.721.

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

48, 31.956, 26.721

Protanopia

48, 8.034, 90.608

Deuteranopia

48, 16.956, 69.027



Tritanopia
48, 31.867, 16.716

Trichromacy



Original Color
48, 31.956, 26.721

Protanomaly
48, 14.108, 45.112

Deuteranomaly
48, 20.742, 46.108

Tritanomaly
48, 32.064, 19.807

Monochromacy



Original Color
48, 31.956, 26.721

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 11.083, 23.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 31.956, 26.721 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(165, 94, 91)` looks like.

```
.text, #text, p{  
    color:rgb(165, 94, 91)  
}
```

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(165, 94, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 94, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 31.956, 26.721 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(165, 94, 91) }
```

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

```
.border{ border-color:rgb(165, 94, 91) }
```

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

Here you see how a box with a 4 pixel rgb(165, 94, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 94, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 94, 91);  
box-shadow:4px 4px 4px 4px rgb(165, 94,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 31.956, 26.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 94, 91) }
```

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

```
.background{ background-color: rgb(165, 94,  
91) }
```

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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