

Converting Colors

CIELCh(51, 56.082, 31.677)

Have a look what the booklet for
CIELCh(51, 56.082, 31.677) contains.

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Color

CIELCh(51, 55.922, 31.714)

Conversions

Conversions Part 1

Format	Color
Hex	CB524A
RGB	203, 82, 74
RGB Percent	80%, 32%, 29%
CMY	0.2033, 0.6779, 0.7093
CMYK	0.00, 0.60, 0.64, 0.20
HSL	4°, 55%, 54%
HSV	4°, 64%, 80%
XYZ	28.9375, 19.2686, 8.6933
YIQ	117.2670, 74.6840, 23.1640

Conversions

Conversions Part 2

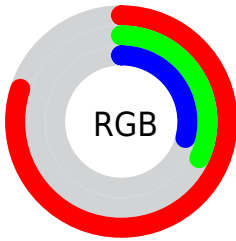
Format	Color
RYB	203, 83, 74
Decimal	13324874
CIELab	51.00, 47.57, 29.40
CIElCh	51, 55.922, 31.714
Yxy	19.2686, 0.5086, 0.3386
Android (android.graphics.Color)	4291514954 (0xFFC8524A)
YUV	117.2670, -21.3306, 75.1878
Hunter-Lab	43.8960, 40.8541, 18.9852

Details

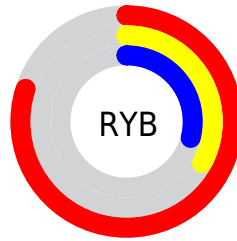
The CIELCh color **51, 55.922, 31.714** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **73, 33.772, 204.474**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 51.702, 32.047**, and **31, 55.890, 31.688** is the 20% darker color. If you saturate the color by 10%, you get **48, 66.045, 34.172**, and if you desaturate by 10%, it is **55, 45.802, 29.721**.

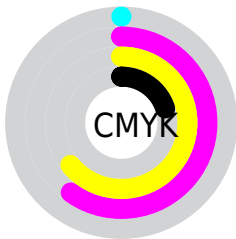
Distribution



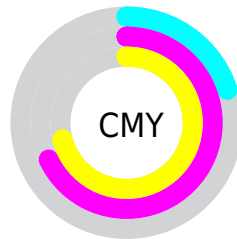
- Red (80%)
- Green (32%)
- Blue (29%)



- Red (80%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (60%)
- Yellow (64%)
- Black (20%)



- Cyan (20%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 55.922, 31.714 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 51, 55.922, 31.714 by changing the saturation by 10% instead.

■ 51, 55.922, 31.714

■ 51, 55.922, 31.714

■ 100, 55.922,
31.714

■ 41, 55.922, 31.714

■ 71, 55.922, 31.714

■ 31, 55.922, 31.714

■ 81, 55.922, 31.714

■ 21, 55.922, 31.714

■ 91, 55.922, 31.714

■ 11, 55.922, 31.714

■ 1, 55.922, 31.714

■ 0, 55.922, 31.714

■ 51, 55.922, 31.714

■ 51, 55.922, 31.714

■ 48, 66.045, 34.172

■ 55, 45.802, 29.721

■ 45, 75.629, 36.905

■ 59, 36.001, 28.174

43, 83.493, 39.290

64, 26.703, 27.003

43, 87.277, 40.591

69, 18.005, 26.126

74, 9.936, 25.463

80, 2.482, 24.829

85, 4.398, 204.850

91, 10.756,
204.538

96, 16.667,
200.865

Harmonies

Complementary

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



51, 55.922, 31.714



73, 33.772, 204.474

Rectangle

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



51, 55.922, 31.714



51, 55.922, 81.714



51, 55.922, 211.714



51, 55.922, 261.714

Sweetspot

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



51, 55.920, 31.717



88, 17.195, 25.822



54, 76.190, 329.160



45, 11.974, 26.025



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 55.920, 31.717



58, 82.480, 35.115



65, 47.875, 72.119



40, 4.115, 25.228



35, 74.707, 40.626



4, 17.265, 22.588

Inverse Universe

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



73, 33.772, 204.474



88, 43.885, 205.091



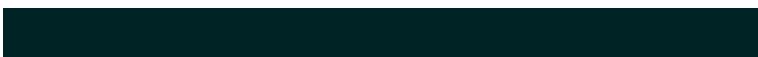
54, 42.522, 274.330



42, 3.874, 204.704



58, 33.514, 206.800



12, 12.660, 204.496

Previews

White Background



This preview shows how the CIELCh color 51, 55.922, 31.714 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 CIELCh color 51, 55.922, 31.714 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 51, 55.922, 31.714

Background



This preview shows how black text looks on a background with the CIELCh color 51, 55.922, 31.714.



This preview shows how white text looks on a background with the CIELCh color 51, 55.922, 31.714.

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

51, 55.922, 31.714

Protanopia

51, 18.893, 95.623

Deuteranopia

51, 32.014, 77.593



Tritanopia
51, 54.483, 24.298

Trichromacy



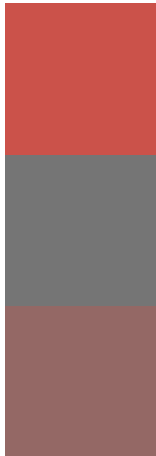
Original Color
51, 55.922, 31.714

Protanomaly
50, 26.952, 52.085

Deuteranomaly
50, 37.517, 52.945

Tritanomaly
51, 54.893, 26.988

Monochromacy



Original Color
51, 55.922, 31.714

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 19.326, 26.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 55.922, 31.714 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(203, 82, 74)` looks like.

```
.text, #text, p{  
    color:rgb(203, 82, 74)  
}
```

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(203, 82, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 82, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 55.922, 31.714 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(203, 82, 74) }
```

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

```
.border{ border-color:rgb(203, 82, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 82, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 82, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 82, 74);  
box-shadow:4px 4px 4px 4px rgb(203, 82,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 55.922, 31.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 82, 74) }
```

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

```
.background{ background-color: rgb(203, 82,  
74) }
```

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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